



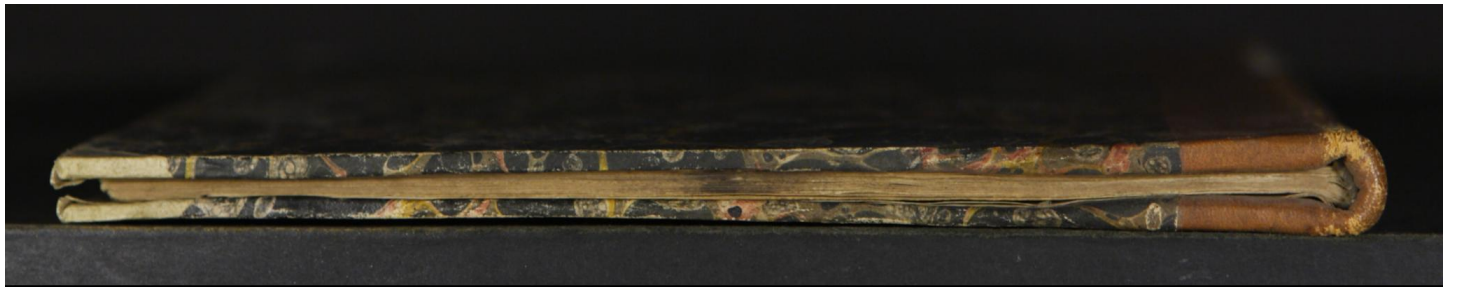


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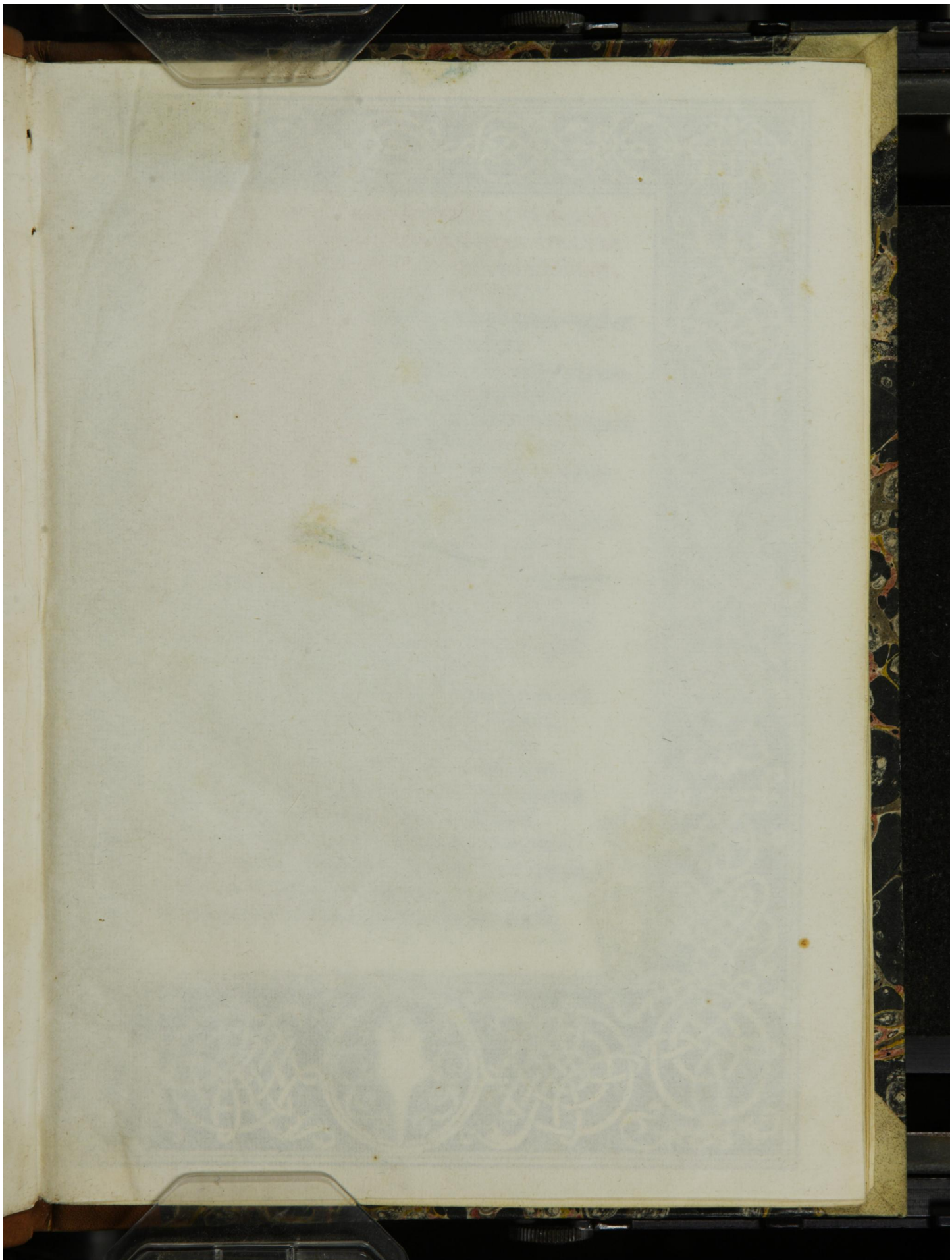




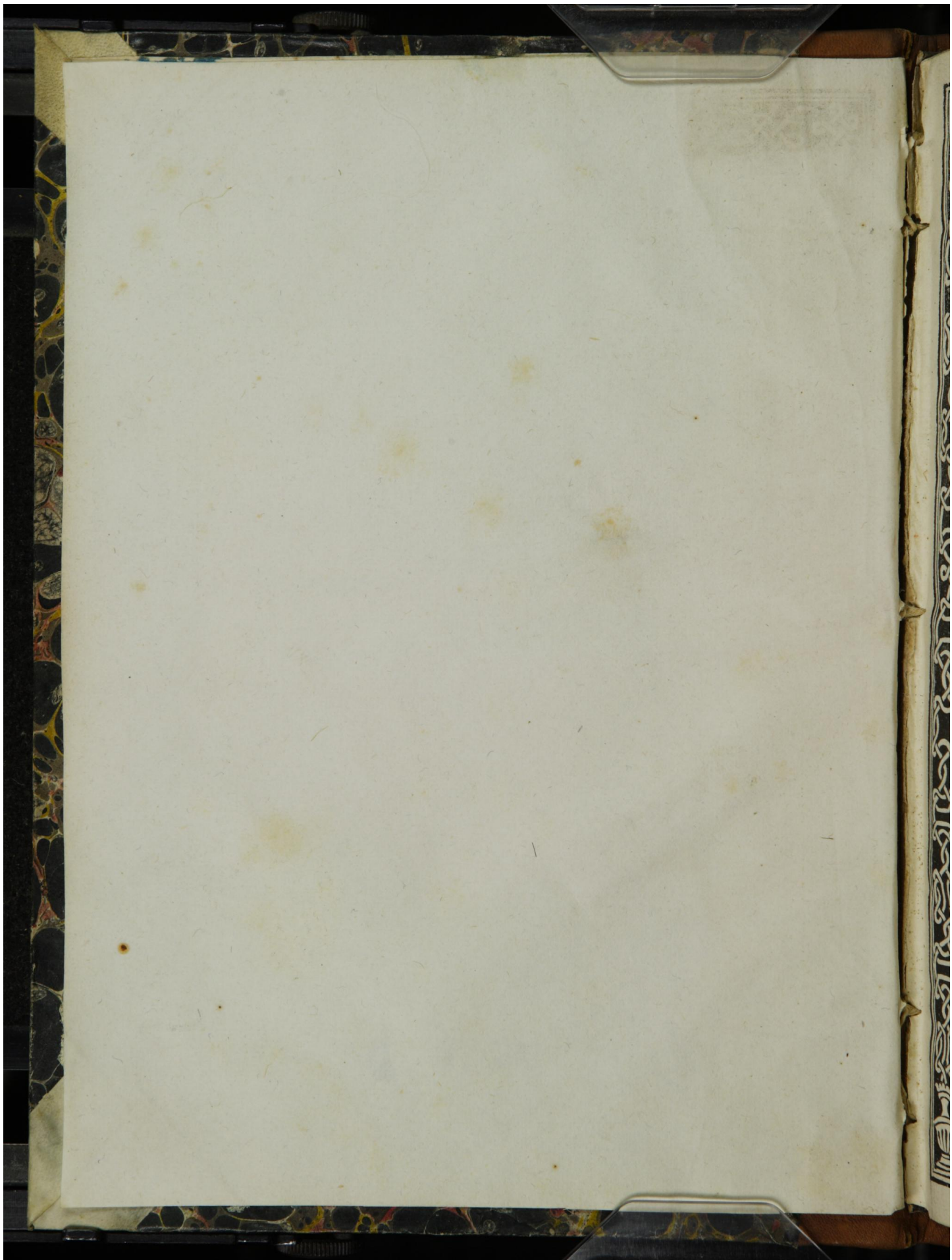
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2. 7. 42









In laudem operis huius praeclari a Iohanne  
de monte regio editi germanorum decore et nostrae  
aetatis astronomorum principe Jacobi Sentini  
Ricinensis Carmina



Hesperides hortum vatum te  
unisse puellas.

Omnis et hesperia gra-  
iaque turba canit.

In quo fulva simul ramis  
fulgentibus arbor

Prebebat dominis  
aurea poma suis.

Hortulus ille mihi liber  
est hic (crede) latinis

Quia non est toto hoc di-

Cui si flava cupies ex arboribus lector / tior or-

Una poma leges aurea mille die. / beliber

Aureus hic numerus quod tanto nomine dignum.

Effecit caesar iulius auctor opus.

Tempora romanis gentes quibus aera ferebant

Quae proprium nomen inditionis habent.

Intervalla cycli sunt hic et apollinis alti

Monstratque et domini littera certa diem.

Hinc phaeonteos poteris cognoscere motus

Notus et phoebes hinc tibi nosse licet.

Adde etiam phoebe pariter lunaeque labores

Quos qui scire volent hinc bene scire queunt.

Hic tibi vel titan cum iungitur ipse sorori

Oppositusve manet conspiciendus adest.





Hic quibus in signis phoebus vel luna vebat  
 Edocet: ambobus dat sua lora liber.  
 Hic tibi horizonte ⁊ descendant horrida signa  
 Ascendatve quibus monstrat i arte modis.  
 Hic qz quaeqz dies phoebo fulgente trahatur  
 Quaqz brevis maneat stat tibi quaeqz dies  
 Hic modo inaequalis necnon aequalis habet  
 Hora: qd ⁊ quadrans noscere posse docet.  
 Hic etiā tabula ē qua constant omnia cunctis  
 Urbib⁹ europa haec datqz trahitqz gradus  
 Hoc german⁹ opus regio de mōte iohannes  
 Composuit: patriae nomen honosqz suae  
 Qui fuit ⁊ rhetor summ⁹ qui solus ⁊ alta  
 Astroꝝ doctor verus in arte fuit.  
 Qui fuit ⁊ vates celebris: cui semp abunde  
 Et latia elloquiū graiaqz lingua dedit.  
 Multa viris latijs inuenis monumenta reliqt  
 Scribere sed nobis dū meliora parat.  
 Ha scelus infandum secuit sua fila soroz.  
 Una triū celeri vipera saena manu.  
 Notus in italia est ⁊ qua regione potentes  
 Adgigit equos phoebus nascit vnde simul  
**E. Iohannes Lucili⁹ santritter helbrōnēsis**  
**Lectori. S.**  
 Cui dedit ingeniū diuina potentia: ⁊ artes  
 Qui bene daedalias solus in orbe tenet.  
 Hoc augustensis ratdolt german⁹ erhardus  
 Dispositis signis vndiqz pressit opus.  
 Vivat vt hic: semp voluentes fata sorozes.  
 Nā prodest multis lector amice roga.  
 Anno. S. 1482. Idus .5. Augusti. Venerijs:



# Tabula regionum

		b	m	S			b	m	S
Bybernia	m	1	16	59	Madeburgum	a	0	16	54
Scotia	m	0	36	59	Erfordia	a	0	4	51
Oxonum	m	0	52	53	Lips	a	0	10	51
Compostellum	m	1	40	45	Angelstadium	a	0	4	49
Lysibona	m	1	40	41	Nuremberga	a	0	0	49
Toletum	m	1	24	41	Ratisbona	a	0	6	49
Coriduba	m	1	27	38	Ulna	a	0	0	47
Cesaraugusta	m	1	6	41	Praga	a	0	24	50
Rhoromagus	m	0	43	50	Uratillauna	a	0	40	51
Parilius	m	0	30	48	Cracouia	a	0	56	51
Lugdunum	m	0	31	45	Caschonia	a	0	56	50
Burdigalia	m	0	52	45	Buda	a	0	50	47
Aunio	m	0	32	44	Segna	a	0	32	45
Tolosa	m	0	43	43	Vienna Pannonie	a	0	15	48
Vienna prouintie	m	0	30	44	Pataua	a	0	10	48
Masilia	m	0	28	43	Salzburgum	a	0	12	48
Prugis	m	0	36	52	Judeburgum	a	0	14	47
Sandaunum	m	0	24	52	Ullacum	a	0	13	46
Traicetum	m	0	12	53	Brutina	a	0	8	45
Colonia agrippina	m	0	13	51	Venene	a	0	10	45
Machilunia	m	0	24	51	Ancon	a	0	14	44
Maguntia	m	0	15	50	Roma	a	0	20	42
Herbipolis	m	0	4	50	Tarentum	a	0	44	40
Argentina	m	0	12	47	Brundisium	a	0	40	39
Constantia	m	0	10	46	Neapolis	a	0	36	41
Augusta vindelicor	a	0	10	46	Florentia	a	0	10	43
Dacia	a	0	36	58	Mediolanum	a	0	0	44
Sueria	a	0	28	62	Taurinum	m	0	2	43
Lubeca	a	0	16	56	Genua	m	0	4	43
Dauriscum	a	0	56	56	Sardina	a	0	2	38
Prunfuiga	a	0	0	53	Sicilia	a	0	30	37



1475				1478				1475										
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.								
1	8	12	13				4	11	48		4	12	11					
2			12	8	29		8	4	30	12	22	5						
3	16	21	52				16	5	28		16	16	32					
4			1	18	41			1	2	51			1	11	59			
5	5	14	46				5	0	23	9	21	42		5	8	17		
6			9	9	56								13	18	27	9	5	18
7	13	6	17	17	21	53	13	4	2	17	21	26				17	14	31
8	2	13	19				2	13	58				2	9	39			
9	10	20	52	6	4	55	10	21	25	6	5	53	10	21	3	6	3	58
10			14	20	41				14	13	27					14	12	51
11	15	16	48				15	6	51				15	4	37	3	20	28
12			3	13	40		7	20	27	3	1	10	7	13	6			
13	7	11	1						11	16	36					11	6	32
14	15	18	34	11	8	32							15	13	29			
15			19	12	56		15	5	55						19	10	50	
16	4	6	18	8	23	2	4	23	0	19	2	58	4	8	23			
17	12	15	2						8	18	17					8	5	43
18	1	22	25	16	5	58	12	12	37	16	6	38	12	2	36			
19			5	15	35		1	22	3	5	13	37	1	22	38	16	6	0
20	9	9	47				9	5	32							5	14	35
21			15	19	7				13	4	53		9	6	12	13	22	1
22	7	16	35				17	0	54	2	21	39	17	15	18	2	9	29
23			2	14	3		6	18	56				6	4	34			
24	6	11	3						10	16	26					10	0	40
25			10	7	21								14	13	50			
26	14	8	1				14	2	48	18	20	18				18	10	49
27	3	15	47	18	0	8	3	14	52				3	7	6			
28	11	22	44	7	7	7	11	23	41	7	7	36	11	20	57	7	2	30
29	19	13	17	15	18	22			15	14	34					15	15	20
30			4	9	8		19	6	56				19	6	49	4	22	16
31	8	5	46				8	18	2	4	0	3	8	14	7			



KL		Januarius	Solis	Lune	Ascēdes.			
			S m	S S S S h m S				
1	H	Circumcisio domini	20	3	0 13	0 13	1 24	88
2	b	4 non	21	4	0 26	0 26	1 28	10
3	c	3 non	22	6	1 10	1 9	1 32	11
4	d	2 non	23	7	1 23	1 22	1 36	13
5	e	Non	24	8	2 6	2 5	1 40	15
6	f	8 id <sup>9</sup>	25	9	2 19	2 18	1 44	16
7	g	7 id <sup>9</sup>	26	11	3 2	3 1	1 48	18
8	A	6 id <sup>9</sup>	27	12	3 15	3 15	1 52	19
9	b	5 id <sup>9</sup>	28	13	3 29	3 28	1 56	20
10	c	4 id <sup>9</sup>	29	14	4 12	4 11	2 0	22
11	d	3 id <sup>9</sup>	30	16	4 25	4 24	2 4	24
12	e	2 id <sup>9</sup>	1	17	5 8	5 7	2 8	25
13	f	Idus	2	18	5 21	5 20	2 12	27
14	g	19 kal	3	19	6 4	6 3	2 16	28
15	A	18 kal	4	20	6 18	6 16	2 20	30
16	b	17 kal	5	21	7 1	6 29	2 24	31
17	c	16 kal	6	22	7 14	7 12	2 28	2
18	d	15 kal	7	23	7 27	7 25	2 32	4
19	e	14 kal	8	24	8 10	8 8	2 36	5
20	f	13 kal	9	25	8 24	8 21	2 40	6
21	g	12 kal	10	26	9 7	9 4	2 44	7
22	A	11 kal	11	27	9 20	9 17	2 48	9
23	b	10 kal	12	28	10 3	10 0	2 52	10
24	c	9 kal	13	29	10 16	10 14	2 56	11
25	d	8 kal	14	30	10 29	10 27	3 0	13
26	e	7 kal	15	31	11 13	11 10	3 4	14
27	f	6 kal	16	31	11 26	11 23	3 8	15
28	g	5 kal	17	32	0 9	0 6	3 12	16
29	A	4 kal	18	33	0 22	0 19	3 16	18
30	b	3 kal	19	33	1 5	1 2	3 20	19
31	c	2 kal	20	34	1 18	1 15	3 24	20



1475				1494				1513			
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.	
1			12 2 59				12 13 0				12 6 32
2	10 15 39			10 0 28		1 21 55		16 8 52			
3			1 11 16	5 18 58						1 5 27	
4	5 5 56	9 23 40				9 15 24		5 2 46			
5	13 16 20			13 16 31				13 10 47	9 0 17		
6	2 23 34	17 7 50				17 8 44		2 23 16	17 5 35		
7		6 15 49		2 0 25	6 15 52				6 16 6		
8	10 8 46			10 7 20				10 8 15	14 23 7		
9		14 13 52		18 21 23	14 2 35			18 15 24			
10	18 10 58				3 17 5				3 8 23		
11		3 8 25		7 13 37				7 2 15	11 21 3		
12	7 5 54					11 10 44					
13	15 8 23	11 3 3		15 23 36				15 7 56			
14	4 17 45	19 1 23				19 19 18			19 5 39		
15		8 9 26		4 14 6	8 7 58	1		4 2 47	8 23 17		
16	12 0 55	16 17 28		12 0 54	16 16 22	1		12 19 0			
17	1 11 7			1 8 2					16 17 12		
18		5 5 41		9 17 2	5 0 11			1 9 0	5 0 27	1	
19	9 1 13				13 21 35			9 15 52	13 10 42	1	
20		13 13 45		17 18 37				17 5 20			
21	17 10 58				2 16 2			6 21 19	2 0 53		
22		2 7 41		6 13 31					10 18 21		
23	6 3 33	10 22 33				10 10 43					
24	14 18 22			14 16 33				14 7 22			
25		18 9 53				18 9 40		3 22 9	18 3 13		
26	3 1 19	7 16 56		3 2 3	7 17 53				7 16 8		
27	11 8 59	15 9 18		11 9 21				11 9 14			
28	19 5 30			19 19 10	15 1 39			19 16 25	15 0 48		
					4 13 36						



**KL**

Februarius

Solis Lunae Ascēdes.  
*Sm SSSS h m S*

1	d	Brigide virginis	<i>☿</i>	21	34	2	2	1	28	3	28	<i>II</i>	21
2	e	4 non	<i>Purificatio Marie</i>	22	35	2	15	2	11	3	32		22
3	f	3 non	Blasij episcopi	23	36	2	28	2	24	3	36		23
4	g	2 non		24	36	3	11	3	7	3	40		24
5	<i>A</i>	Non	Agathe virginis	25	37	3	24	3	20	3	44		25
6	b	8 id <sup>o</sup>	Dorothee virginis	26	37	4	8	4	3	3	48		26
7	c	7 id <sup>o</sup>		27	38	4	21	4	16	3	52		27
8	d	6 id <sup>o</sup>		28	38	5	4	5	0	3	56		28
9	e	5 id <sup>o</sup>	Apollonie virginis	29	38	5	17	5	13	4	0		29
10	f	4 id <sup>o</sup>	Scholastice virginis	<i>X</i>	0	39	6	0	5	26	4	4	30
11	g	3 id <sup>o</sup>		1	39	6	13	6	9	4	8	<i>So</i>	1
12	<i>A</i>	2 id <sup>o</sup>		2	39	6	27	6	22	4	12		2
13	b	<i>Idus</i>		3	39	7	10	7	5	4	16		3
14	c	16 kal	<i>Mar. Valentini martyris</i>	4	39	7	23	7	18	4	20		4
15	d	15 kal		5	40	8	6	8	1	4	24		5
16	e	14 kal	Juliane virginis	6	40	8	19	8	14	4	28		6
17	f	13 kal		7	40	9	2	8	27	4	32		7
18	g	12 kal		8	40	9	16	9	10	4	36		8
19	<i>A</i>	11 kal		9	40	9	29	9	23	4	40		9
20	b	10 kal		10	40	10	12	10	6	4	44		10
21	c	9 kal		11	40	10	25	10	19	4	48		11
22	d	8 kal	Cathedra sancti Petri	12	40	11	8	11	2	4	52		12
23	e	7 kal	<i>Vigilia</i>	13	40	11	22	11	16	4	56		13
24	f	6 kal	<i>Matthie apostoli</i>	14	39	0	5	11	29	5	0		14
25	g	5 kal		15	39	0	18	0	12	5	4		14
26	<i>A</i>	4 kal		16	39	1	1	0	15	5	8		15
27	b	3 kal		17	38	1	14	1	8	5	12		16
28	c	2 kal		18	38	1	27	1	21	5	16		17
				19	37								



1 4 7 5				1 4 9 4				1 5 1 3											
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.									
1	8	23	46	4	2	25				4	8	30							
2				12	21	15			8	1	11	12	18	44					
3							16	18	31			6	2	7	1	23	9		
4	19	6	48						1	15	19	5	20	58					
5	5	18	17	1	1	1	5	11	18						9	18	14		
6				9	10	48				9	6	25							
7	13	1	45	17	17	41	13	2	41	17	18	15	13	0	33	17	17	50	
8	2	10	13				2	9	40				2	10	17				
9	10	21	46	6	3	31	10	17	9	6	1	13	10	17	41	6	2	16	
10				14	7	24				14	16	58				14	9	42	
11	18	4	54				18	13	2				18	3	7	3	21	21	
12	7	23	7	3	2	12				3	9	39	7	17	22				
13				11	19	16	7	7	7							11	12	40	
14	15	19	27				15	14	33	11	4	36							
15				19	11	26				19	8	53	15	1	55	19	22	46	
16	4	3	2	8	18	26	4	2	18	8	18	55	4	18	54				
17	12	9	56				12	10	54				12	8	26	7	8	14	9
18				16	5	54	1	18	13	16	1	47	1	17	51	16	2	27	
19	1	0	53	5	20	45				5	11	25				4	9	22	
20	0	17	27				9	5	28				4	1	15				
21										13	14	38	17	20	25	13	0	29	
22				13	6	42	17	12	6							2	17	5	
23	17	3	6	2	22	35				2	9	26	6	14	18				
24	6	17	5	10	10	41	6	6	25							10	11	46	
25	14	3	8	18	18	37				10	2	46	14	22	8				
26	3	10	22				14	3	27	18	19	33				18	16	37	
27	11	19	37	7	2	38	3	11	9	7	19	25	3	10	10				
28							11	18	2	15	13	32	11	18	57	7	2	54	
29	19	22	6	15	1	0	19	8	20							15	9	49	
30				4	19	29				4	4	5	19	2	6	4	19	7	
31	8	16	54				8	0	36	12	21	45	8	13	1				



Solis Lunae Ascēdēs.

				K	20	37	2	11	2	4	5	20	S	18
1	d	e	6 non	Simplicis pape	21	36	2	24	2	17	5	24		19
2	f	5 non			22	36	3	7	3	0	5	28		20
3	g	4 non	Adriani martyris		23	35	3	20	3	13	5	32		20
4	a	3 non			24	35	4	3	3	26	5	36		21
5	b	2 non	Victoris martyris		25	34	4	16	4	9	5	40		22
6	c	non	Perpetue ⁊ felicitatis		26	33	5	0	4	22	5	44		23
7	d	8 id <sup>o</sup>			27	32	5	13	5	5	5	48		24
8	e	7 id <sup>o</sup>			28	31	5	26	5	18	5	52		25
9	f	6 id <sup>o</sup>			29	30	6	9	6	1	5	56		26
10	g	5 id <sup>o</sup>	Eianis pasche	Y	0	29	6	22	6	15	6	0		26
11	a	4 id <sup>o</sup>	Gregorij pape		1	28	7	6	6	28	6	4		27
12	b	3 id <sup>o</sup>			2	27	7	19	7	11	6	8		28
13	c	2 id <sup>o</sup>			3	26	8	2	7	24	6	12		29
14	d	Idus			4	25	8	15	8	7	6	16		29
15	e	17 kal'	Aprilis		5	24	8	28	8	20	6	20		30
16	f	16 kal'	Serdrudis virginis		6	23	9	11	9	3	6	24	R	1
17	g	15 kal'			7	22	9	25	9	16		28		2
18	a	14 kal'			8	21	10	8	9	29		32		3
19	b	13 kal'			9	20	10	21	10	12		36		3
20	c	12 kal'	Benedicti abbatis		10	18	11	4	10	25		40		4
21	d	11 kal'			11	17	11	17	11	8		44		5
22	e	10 kal'			12	16	0	0	11	21		48		6
23	f	9 kal'			13	15	0	14	0	4		52		6
24	g	8 kal'	Annunciatio Marie		14	13	0	27	0	17		56		7
25	a	7 kal'			15	12	1	16	1	1		0		8
26	b	6 kal'			16	10	1	23	1	14		4		9
27	c	5 kal'			17	9	2	6	1	27		8		9
28	d	4 kal'			18	8	2	20	2	10		12		10
29	e	3 kal'			19	7	3	3	2	23		16		11
30	f	2 kal'			20	6	3	16	3	6		20		12



1475				1494				1513										
Con.		Oppo:		Con.		Oppo:		Con.		Oppo:								
1			12	13	58				16	19	8	12	7	54				
2	16	18	55			16	10	23				1	16	32				
3			1	11	50			1	6	0		5	13	55				
4	5	4	4	9	19	45	5	0	41	9	18	25		9	9	58		
5	13	11	1				13	11	12			13	11	16				
6	2	21	33	17	3	51	2	18	19	17	2	35	2	19	10	17	3	28
7			6	16	8					6	10	28				6	10	35
8	10	11	41				10	3	20				10	2	3	14	1	1
9	18	21	24	14	0	14				14	8	2	18	15	40			
10			3	17	58		18	5	4							3	11	16
11	7	13	46				7	23	52	3	2	27	7	7	40			
12			11	8	38					11	20	59				11	4	41
13	15	4	15	19	19	43	15	2	33	19	19	34	15	17	31			
14	4	11	6				4	11	53							19	13	16
15	12	18	45	8	2	42	12	19	6	8	3	38	4	8	7	8	1	59
16			16	19	15					16	11	25	12	19	0	16	10	29
17	1	15	26				1	4	57	5	23	22	1	2	8	5	18	8
18			5	12	40		9	18	46				9	11	51			
19	9	9	37													13	14	59
20			13	21	20					13	7	3	17	11	53			
21	17	16	25				17	4	13							2	9	13
22	6	3	44	7	2	10	31	6	20	51	2	0	56	6	6	38		
23	14	11	5	10	20	11				10	15	53				10	3	49
24	3	19	30	18	3	0	14	12	1				14	9	57			
25			7	12	49		3	18	53	18	3	31	3	10	32	18	3	7
26	11	7	1				11	2	21	7	7	10	26			7	11	22
27			15	16	43		19	22	15	15	2	13	11	2	51	15	18	54
28	19	14	7							4	19	3	15	12	12			
29			4	11	24		8	16	17							4	6	32
30	8	8	2							12	13	42	8	2	43	12	21	48



**KL**

Aprilis Solis Lunae Ascēdēs.

i   g				<b>S m S S S S b m S</b>
2	<b>H</b>	4 non		<b>Y</b> 21 4 3 29 3 19 7 24 <b>S</b> 13
3	<b>b</b>	3 non		22 3 4 12 4 2 7 28 13
4	<b>c</b>	2 non	Ambrosij archiepiscopi	23 1 4 25 4 15 7 32 14
5	<b>d</b>	<b>Non</b>		23 59 5 9 4 28 7 35 14
6	<b>e</b>	8 id <sup>9</sup>		24 58 5 22 5 11 7 39 15
7	<b>f</b>	7 id <sup>9</sup>		25 56 6 5 5 24 7 43 16
8	<b>g</b>	6 id <sup>9</sup>	Marie egyptiace	26 54 6 18 6 7 7 46 16
9	<b>H</b>	5 id <sup>9</sup>		27 52 7 1 6 20 7 49 17
10	<b>b</b>	4 id <sup>9</sup>		28 50 7 14 7 3 7 53 18
11	<b>c</b>	3 id <sup>9</sup>		29 48 7 28 7 16 7 57 18
12	<b>d</b>	2 id <sup>9</sup>		<b>S</b> 0 47 8 11 8 0 8 0 19
13	<b>e</b>	<b>Idus</b>		1 45 8 24 8 13 8 4 20
14	<b>f</b>	18 kal	<b>Maii</b> Tyburij & Valeriani	2 43 9 7 8 26 8 8 21
15	<b>g</b>	17 kal	<b>Claus rogationū</b>	3 41 9 20 9 9 8 12 22
16	<b>H</b>	16 kal		4 38 10 4 9 22 8 16 22
17	<b>b</b>	15 kal		5 36 10 17 10 5 8 20 23
18	<b>c</b>	14 kal		6 34 11 0 10 18 8 24 24
19	<b>d</b>	13 kal		7 32 11 13 11 1 8 28 25
20	<b>e</b>	12 kal		8 30 11 26 11 14 8 32 26
21	<b>f</b>	11 kal		9 28 0 9 11 27 8 36 26
22	<b>g</b>	10 kal		10 25 0 23 0 10 8 40 27
23	<b>H</b>	9 kal	<b>Georgij martyris</b>	11 23 1 6 0 23 8 44 28
24	<b>b</b>	8 kal		12 21 1 19 1 6 8 48 28
25	<b>d</b>	7 kal	<b>Marci evangeliste</b>	13 18 2 2 1 19 8 52 29
26	<b>d</b>	6 kal		14 16 2 15 2 2 8 56 29
27	<b>e</b>	5 kal		15 14 2 28 2 16 9 0 30
28	<b>f</b>	4 kal	Vitalis martyris	16 11 3 12 2 29 9 4 30
29	<b>g</b>	3 kal	<b>Claus pentecostes</b>	17 8 3 25 3 12 9 8 <b>mp</b> 1
30	<b>H</b>	2 kal		18 6 4 8 3 25 9 12 2
				19 4 4 21 4 8 9 16 3



1475				1494				1513			
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.	
1			12 4 18		16 23 35				16 20 56		
2	16	4 23	1 20 20			1	17 49			1	7 44
3	5	11 53			5 10 12				5	3 48	9 23 1
4	13	20 42	9 3 14		13 18 44	9	3 45		13	19 41	
5			17 14 42			17	10 32				17 11 12
6	2	9 40			2 2 57	6	20 6		2	2 35	6 18 4
7			6 5 32		10 14 8				10	9 54	
8	10	2 9	14 15 23			14	23 18				14 9 8
9	18	11 41			18 20 42				18	5 2	
10			3 7 5			3	18 0		7	22 51	3 1 40
11	7	1 34	11 19 6		7 14 55						11 20 15
12	15	11 33			15 11 50	11	11 9				
13	4	18 42	10 2 59		4 19 29	19	3 53		15	6 33	
14			8 10 57			8	10 52		4	18 30	19 0 58
15	12	3 55			12 2 18	16	21 44		12	3 14 7	8 11 11
16			16 9 13		1 16 32				1	10 20 1	16 18 2
17	1	6 17				5	12 15		9	21 11	5 3 20
18			5 3 40		9 8 44						
19	9	0 59				13	22 0				13 5 48
20			13 9 13		17 19 23				17	3 2	
21	17	2 57	2 19 51			2	13 59		2	21 30	2 0 31
22	6	12 21	10 3 43 1		6 8 41						10 17 53
23	14	18 57 1	18 11 44 1		14 19 8	10	2 21		14	19 11	
24	2	5 22	7 23 55			18	10 31				18 11 22
25	11	19 24			3 2 10	7	18 16		3	3 1	7 18 27
26					11 11 5	15	15 44		11	9 49	
27			15 7 53		19 12 42				15	23 20	15 4 40
28	19	4 59				4	9 53				4 18 52
29	8	21 19	4 1 34		8 7 24				8	15 14	
30			12 16 11			12	4 30				12 12 13
31	16	11 54			16 10 6				16	1 2	1 20 45



KL		Idains	Solis	Lune	Ascēdes.					
			S m	S	S	S	S	S	S	
1	b	Philippi et Jacobi apostolorum	8	20	1	5	4	4 21	9 19	3
2	c	6 non		20	59	5	18	5 4	9 23	4
3	d	5 non	Inuentio sancte crucis	21	56	6	1	5 17	9 27	4
4	e	4 non		22	54	6	14	6 0	9 30	5
5	f	3 non		23	51	6	27	6 13	9 33	5
6	g	2 non	Joannis ante portam latinam	24	48	7	10	6 26	9 37	6
7	A	Non		25	46	7	23	7 9	9 40	7
8	b	8 id <sup>9</sup>	Apparitio sancti Michaelis	26	43	8	7	7 22	9 44	7
9	c	7 id <sup>9</sup>		27	41	8	20	8 5	9 48	8
10	d	6 id <sup>9</sup>	Epimachi et sociorum eius	28	38	9	3	8 19	9 52	9
11	e	5 id <sup>9</sup>		29	35	9	16	9 2	9 56	10
12	f	4 id <sup>9</sup>	Pancratij martyris	II	0	32	9 29	9 15	10 0	10
13	g	3 id <sup>9</sup>	Servatii episcopi		1	30	10 12	9 28	10 4	11
14	A	2 id <sup>9</sup>			2	27	10 26	10 11	10 8	11
15	b	Idus	Sophie virginis		3	24	11 9	10 24	10 12	12
16	c	17 kal	Junij		4	21	11 22	11 7	10 15	13
17	d	16 kal			5	19	0 5	11 20	10 19	13
18	e	15 kal			6	16	0 18	0 3	10 23	14
19	f	14 kal	Potentiane virginis		7	13	1 2	0 16	10 26	15
20	g	13 kal			8	10	1 15	0 29	10 30	15
21	A	12 kal			9	7	1 18	1 12	10 34	16
22	b	11 kal	Helene regine		10	4	2 11	1 25	10 38	17
23	c	10 kal			11	1	2 24	2 8	10 42	18
24	d	9 kal			11	58	3 7	2 21	10 46	18
25	e	8 kal	Urbani pape		12	55	3 21	3 4	10 50	19
26	f	7 kal			13	53	4 4	3 17	10 53	19
27	g	6 kal			14	50	4 17	4 1	10 57	20
28	A	5 kal			15	47	5 0	4 14	11 1	20
29	b	4 kal			16	44	5 13	4 27	11 5	21
30	c	3 kal			17	41	5 26	5 10	11 8	22
31	d	2 kal	Petronelle virginis		18	38	6 10	5 23	11 12	22





1 4 7 5			1 4 9 4			1 5 1 3		
Con.	Oppo.		Con.	Oppo.		Con.	Oppo.	
1	5	18 42	1	3	21	5	15	35
2		9 10 6			9 11 11			9 9 30
1	13	7 19	13	2	15	17	18	54
4	2	22 45	17	2	37	2	9	36
5		6 19 36			6 6 44	10	18	16
6	10	16 51	10	2	5			14 22 13
7	18	23 42	14	4	44	18	19	6
8		3 17 48	18	11	26			3 16 22
9	7	11 3	7	4	47	3	8	7
10	15	18 23	11	3	29	15	19	20
11		19 10 17			19 10 50	11	23	5
12	4	2 44	8	20	2	15	17	9
13	12	14 11	4	2	10	8	17	22
14		16 23 42	12	9	35	4	2	48
15	1	21 8			16 9 18	8	18	37
16		5 18 22			12 10 7	12	10	7
17	9	15 11	1	5	18	16	2	6
18		13 18 53	9	23	12	1	19	24
19	17	11 30	5	2	2	5	3	36
20	6	19 1				9	8	45
21	14	3 43						13 20 38
22	3	16 33	13	11	18	17	17	52
23		7 12 22	17	6	33	2	14	40
24	11	8 56	6	18	14	6	10	45
25		15 22 12	2	0	51	10	10	50
26	19	18 30	14	1	49	14	2	46
27		4 13 58	18	17	36	18	18	18
28	8	8 27	3	9	57	14	2	46
29	16	17 34	11	21	3	3	9	39
30		1 9 59	7	3	4	11	17	3
			15	6	6	7	1	7
			19	3	28	15	16	0
			8	21	42	19	11	49
			4	0	51	4	8	27
			12	17	58	8	5	36
			6	13	23	6	13	23
			1	10	51	12	3	0
						1	7	51



**KP****Junius****Solis Lune Ascēdes.**

			<b>S m S S S b m S</b>
1 e		Nicodemis martyr	<b>II</b> 19 35 6 23 6 6 11 16 <b>III</b> 23
2 f	4 non	Marcellini et Petri	20 32 7 6 6 19 11 20 24
3 g	3 non	Erasmi episcopi	21 29 7 19 7 2 11 24 24
4 h	2 non		22 26 8 2 7 15 11 28 25
5 b	<b>Non</b>	Bonifacii pape	23 23 8 16 7 28 11 33 25
6 c	8 id <sup>9</sup>		24 20 8 29 8 11 11 38 26
7 d	7 id <sup>9</sup>		25 17 9 12 8 24 11 41 27
8 e	6 id <sup>9</sup>		26 14 9 25 9 7 11 46 27
9 f	5 id <sup>9</sup>	Pauli et Feliciani	27 11 10 8 9 20 11 50 28
10 g	4 id <sup>9</sup>		28 8 10 21 10 3 11 54 29
11 h	3 id <sup>9</sup>	Barnabe apostoli	29 5 11 5 10 17 11 57 29
12 b	2 id <sup>9</sup>		<b>III</b> 0 2 11 18 11 0 12 0 30
13 c	<b>Idus</b>		0 59 0 1 11 13 12 4 30
14 d	18 kal	<b>Julii</b>	1 56 0 14 11 26 12 7 <b>IV</b> 1
15 e	17 kal	<b>Viti martyr</b>	2 53 0 27 0 9 12 10 1
16 f	16 kal		3 50 1 10 0 22 12 14 2
17 g	15 kal		4 47 1 24 1 5 12 17 3
18 h	14 kal	Marci et Marcelliani	5 44 2 7 1 18 12 20 3
19 b	13 kal	Servatii et prorsii	6 41 2 20 2 1 12 24 4
20 c	12 kal		7 38 3 3 2 14 12 28 5
21 d	11 kal	Albani martyr	8 35 3 16 2 27 12 32 6
22 e	10 kal	Achatii et sociorum eius	9 32 4 0 3 10 12 36 6
23 f	9 kal	<b>Vigilia</b>	10 29 4 13 3 23 12 40 7
24 g	8 kal	<b>Joannis baptiste</b>	11 26 4 26 4 6 12 44 8
25 h	7 kal		12 23 5 9 4 19 12 47 8
26 b	6 kal	Joannis et Pauli	13 21 5 22 5 3 12 51 9
27 c	5 kal	Septem dormientium	14 18 1 5 5 16 12 55 10
28 d	4 kal	Leonis pape <b>Vigilia</b>	15 15 6 19 5 29 12 59 10
29 e	3 kal	<b>Petri et Pauli Apostolorum</b>	16 12 7 2 6 12 13 3 11
30 f	2 kal	Comemoratio sancti Pauli	17 9 7 15 6 25 13 7 11



1475				1494				1513			
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.	
1	5	142	91754	5	230	91752		5	126	9189	
2	13	1931		13	1050			13	918		
3			171556	2	2320	17441		2	1715	171	10
4	2	1258				61858				6	1012
5			61029	10	1527			10	40		
6	10	741	14167							14	1229
7	18	952				14443		18	952		
8	7	1852	3246	18	19	32046				3	712
9			111041	7	1528	119137		7	413		
10	15	153	191838	15	26	191731	1			11	037
11	4	1213		4	97			15	27	191819	
12			8642	12	180	8118		4	100	81267	
13	12	212				162230		12	1650	161139	1
14			161438	1	1926			1	611		
15	1	1146				51646		9	223	5141	
16			5821	9	1410					12	1118
17	9	48				13236					
18	17	1855	1338	17	174			17	750		
19	6	1467	21024			2109		6	2232	2329	1
20	14	1415	101720	6	231	101816				10	1628
21			18932	14	918			14	943		
22	3	539		3	1921	18155		3	1640	1816	
23	11	2346	7228			71343				7	840
24				11	91	152110		11	118		
25			151135	19	1824					15	511
26	19	646				4156		19	26	42319	
27	8	1811	4053	8	115			8	2045		
28			121050			12610				12	1758
29	15	137	11728	16	233	1184		6	020	11735	
30	5	957		5	927			5	103		
31			9311	13	2121	9058		13	1651	9129	



**KL**

**Julius Solis Lune Ascēdes**

**S m S S S S b m S**

1	g	Octava s. Joannis baptiste	6	18	6	7	28	7	8	13	12	12
2	a	6 non		19	3	8	11	7	21	13	15	13
3	b	5 non		20	0	8	24	8	4	13	19	14
4	c	4 non		20	57	9	8	8	17	13	23	14
5	d	3 non		21	54	9	21	9	0	23	27	15
6	e	2 non	Octava sanctorum Petri et Pauli	22	51	10	4	9	13	13	30	15
7	f	Non		23	48	10	17	9	26	13	34	16
8	g	8 id <sup>9</sup>		24	45	11	0	10	9	13	38	16
9	a	7 id <sup>9</sup>		25	42	11	14	10	22	13	41	17
10	b	6 id <sup>9</sup>	Septem fratrum	26	40	11	27	11	5	13	44	18
11	c	5 id <sup>9</sup>		27	37	0	10	11	18	13	48	18
12	d	4 id <sup>9</sup>		28	34	0	23	0	2	13	52	19
13	e	3 id <sup>9</sup>	Margarite virginis	29	31	1	6	0	15	13	56	20
14	f	2 id <sup>9</sup>		30	28	1	19	0	28	13	59	20
15	g	Idus	Divisio apostolorum	1	26	2	3	1	11	14	3	21
16	a	17 kal	Augusti	2	23	2	16	1	24	14	7	21
17	b	16 kal	Alexii confessoris	3	21	2	29	2	7	14	11	22
18	c	15 kal		4	18	3	12	2	20	14	14	23
19	d	14 kal		5	15	3	25	3	3	14	18	24
20	e	13 kal		6	12	4	8	3	16	14	22	24
21	f	12 kal	Braxedis virginis	7	9	4	22	3	29	14	25	25
22	g	11 kal	Maria magdalena	8	6	5	5	4	12	14	29	26
23	a	10 kal	Apollinaris martyris	9	4	5	18	4	25	14	33	26
24	b	9 kal	Vigilia	10	2	6	1	5	8	14	37	27
25	c	8 kal	Jacobi apostoli Christophori	11	0	6	14	5	21	14	41	28
26	d	7 kal	Anne matris Marie	11	57	6	28	6	4	14	45	28
27	e	6 kal		12	55	7	11	6	18	14	49	29
28	f	5 kal	Pantaleonis martyris	13	52	7	24	7	1	14	53	29
29	g	4 kal		14	50	8	7	7	14	14	57	30
30	a	3 kal		15	47	8	20	7	27	15	0	30
31	b	2 kal		16	45	9	3	8	10	15	3	31



1475			1494			1513		
Con.			Oppo.			Con.		
1	13	9 37				17	16 26	
2			17	6 49		2	12 26	
3	2	4 13				6	9 10	
4	10	22 22	6	1 31	10	6 23		
5	18	18 53	14	2 12		14	18 32	
6			3	10 56	18	13 51		
7	7	2 29	11	17 51	7	1 38	3	8 12
8	15	11 7			15	9 18	11	18 16
9	4	23 53	19	5 3	4	17 26	19	1 6
10			8	19 48			8	10 33
11	12	16 23			12	4 32		
12						16	13 33	
13			16	5 42	1	10 58		
14	1	2 2	5	21 34		5	8 18	
15	9	16 7			9	4 17		
16			13	10 56		13	9 46	
17	17	2 19	2	17 47	17	2 32	2	18 41
18	6	9 29	10	1 43	6	10 29		
19	14	3 19	18	23 45	14	18 38	10	1 43
20	3	20 50				18	12 27	
21			7	18 14				
22	11	15 38			3	7 12	7	2 54
23					11	22 23	15	12 42
24	19	17 57	15	0 5	19	9 11		
25			4	10 54	8	23 37	4	4 53
26	8	3 8	12	18 53		12	17 24	
27	16	10 5			16	10 19		
28	5	20 29	1	2 51	5	17 24	1	1 44
29			9	15 1			9	9 31
30					13	10 32		
31	1	1 35	17	23 2		17	6 53	



**KL**

Augustus

Solis Lune Ascédēs.

**S m S S S S b m S**

1	C	Petri ad vincula	8	17	43	9	17	8	23	15	8	m <sub>2</sub>
2	D	4 non	Stephani pape	18	40	10	0	9	6	15	12	3
3	E	3 non	Inventio s. Stephani	19	38	10	13	9	19	15	16	3
4	F	2 non		20	36	10	26	10	2	15	20	4
5	G	non		21	33	11	9	10	15	15	24	5
6	A	8 id <sup>o</sup>	Sixti pape	22	31	11	22	10	28	15	28	5
7	B	7 id <sup>o</sup>	Afre martyris	23	29	0	6	11	11	15	31	6
8	C	6 id <sup>o</sup>	Cyriaci & socioru eius	24	26	0	19	11	24	15	35	7
9	D	5 id <sup>o</sup>	Vigilia	25	24	1	2	0	7	15	39	8
10	E	4 id <sup>o</sup>	Laurentij martyris	26	22	1	15	0	20	15	43	8
11	F	3 id <sup>o</sup>	Tiburtij martyris	27	20	1	28	1	3	15	47	9
12	G	2 id <sup>o</sup>	Clare virginis	28	18	2	12	1	17	15	51	10
13	A	Idus	Pippolyri martyris	29	16	2	25	2	0	15	54	11
14	B	19 kal	Septembus Vigilia	30	14	3	8	2	13	15	58	11
15	C	18 kal	Assumptio Marie	1	12	3	21	2	26	16	2	12
16	D	17 kal		2	10	4	4	3	9	16	6	13
17	E	16 kal	Ocrana s. Laurentij	3	8	4	17	3	22	16	10	13
18	F	15 kal	Agapiti martyris	4	6	5	1	4	5	16	14	14
19	G	14 kal		5	4	5	14	4	18	16	18	15
20	A	13 kal	Bernardi confessoris	6	3	5	27	5	1	16	22	15
21	B	12 kal		7	1	6	10	5	14	16	26	16
22	C	11 kal	Timothei & Symphoniani	7	59	6	23	5	27	16	29	17
23	D	10 kal	Vigilia	8	58	7	6	6	10	16	33	18
24	E	9 kal	Bartholomei apostoli	9	56	7	20	6	23	16	37	18
25	F	8 kal		10	55	8	3	7	6	16	41	19
26	G	7 kal		11	53	8	16	7	19	16	45	20
27	A	6 kal	Ruffi martyris	12	51	8	29	8	3	16	49	20
28	B	5 kal	Augustini episcopi	13	50	9	12	8	16	16	53	21
29	C	4 kal	Decollatio s. Joannis baptiste	14	48	9	26	8	29	16	56	22
30	D	3 kal	Felidis & Audaci	15	47	10	9	9	12	17	0	22
31	E	2 kal		16	46	10	22	9	25	17	4	23



1475					1472					1475											
Con. Oppo.					Con. Oppo.					Con. Oppo.											
1	2	20	14					2	3	53				10	6	31	6	10	7		
2				6	16	52		10	22	41	6	1	14								
3	10	12	42	14	11	40											14	19	49		
4	18	3	30	3	19	1				14	7	38		18	16	28					
5	7	10	24					18	1	39	3	18	27				3	12	17		
6	15	22	59	11	2	0		7	11	7				7	7	11					
7				19	18	19		15	18	1	11	2	58	15	18	47	11	1	11	7	
8	4	14	29					4	4	10	13	10	41				19	9	51	1	
9				8	11	24		12	17	57	8	22	33	4	1	26	8	17	29	7	
10	12	8	43											12	10	11	7	10	14	9	1
11				16	20	36					16	6	12	1	11	4					
12	1	15	45					1	3	26							5	8	24		
13				5	9	57		9	20	12	5	0	13	9	5	53					
14	9	3	14	13	19	9					13	19	45				13	15	20		
15	17	10	41					17	11	38				17	9	28					
16	6	19	18	2	2	37		6	18	36	2	3	12	6	19	13	2	2	46	1	
17	14	19	1	10	12	26					10	10	9				10	11	6	1	
18				18	16	18		14	6	39				14	2	4	18	18	39		
19	3	13	47					3	21	55	18	1	51	3	12	0					
20				7	11	7					7	18	43				7	6	15		
21	11	8	0					11	16	2											
22				15	11	45		19	23	29	15	4	10	11	1	30	15	13	31		
23	19	4	25	4	20	25					4	17	50	17	10	50					
24	8	12	1					8	11	17				8	3	50	7	4	7	42	
25	16	20	52	12	3	26		16	18	58	12	3	54	16	19	55	1	12	23	7	7
26				1	14	53					1	10	48				1	11	29	1	
27	5	9	54					5	3	14				5	2	55	9	18	26		
28				9	5	48					9	20	26	13	14	30					
29	13	18	53					13	2	31	17	23	44				17	9	33		
30				17	15	53		2	21	13				2	5	30					
														10	23	29	1				



Solis Lune Ascédēs.

	f	KL	Egidij abbas	M	S m	S S	S S	S S	b m	S
1	G	4 non			17 44	11	5	10	8	17 8 m 24
2	H	3 non			18 43	11	18	10 21	17 12	24
3	V	2 non			19 42	0	1	11	4	17 16 25
4	C	Non			20 40	0	15	11	17	17 20 26
5	D	8 id <sup>9</sup>	Magni confessoris		21 39	0	28	0	0	17 24 27
6	E	7 id <sup>9</sup>			22 38	1	11	0	13	17 28 28
7	F	6 id <sup>9</sup>	Natalis Marie		23 37	1	24	0	26	17 32 28
8	G	5 id <sup>9</sup>	Sorgonij martyris		24 36	2	7	1	9	17 36 29
9	H	4 id <sup>9</sup>			25 34	2	20	1	22	17 40 30
10	B	3 id <sup>9</sup>	Proni & Hyacynthi		26 33	3	4	2	5	17 54 30
11	C	2 id <sup>9</sup>			27 32	3	17	2	19	17 48 F 1
12	D	Idus			28 31	4	0	3	2	17 52 2
13	E	18 kal	Octobris. Exaltatio s. crucis		29 30	4	13	3	15	17 56 3
14	F	17 kal			0 29	4	26	3	28	18 0 4
15	G	16 kal			1 28	5	10	4	11	18 4 4
16	H	15 kal			2 28	5	23	4	24	18 8 5
17	B	14 kal			3 27	6	6	5	7	18 12 5
18	C	13 kal			4 26	6	19	5	20	18 16 6
19	D	12 kal	Vigilia		5 25	7	2	6	3	18 20 7
20	E	11 kal	Marthei apostoli		6 25	7	15	6	16	18 24 8
21	F	10 kal	Auricii & sociorum eius		7 24	7	29	6	39	18 28 9
22	G	9 kal			8 24	8	12	7	12	18 32 10
23	H	8 kal			9 23	8	35	7	25	18 36 11
24	B	7 kal			10 23	9	8	8	8	18 40 11
25	C	6 kal			11 22	9	21	8	21	18 44 12
26	D	5 kal	Colme & Damiani		12 22	10	4	9	4	18 48 13
27	E	4 kal			13 21	10	18	9	18	18 52 14
28	F	3 kal	Michaelis archangeli		14 21	11	1	10	1	18 56 15
29	G	2 kal	Dionysii confessoris		15 20	11	14	10	14	19 0 16
30					16 20	11	27	10	27	19 4 17



1475					1494					1513											
Con.		Oppo.			Con.		Oppo.			Con.		Oppo.									
1	2	12	13	6	7	43	7			6	18	36			6	2	13				
2	10	2	17	14	20	57	1	10	15	36											
3	18	12	23							14	19	55				14	11	55			
4	7	19	37	3	3	51		18	12	40				18	7	22					
5				11	11	56		7	20	25	3	4	49	7	19	27	3	1	53		
6	15	13	49					15	4	57	11	11	52				11	12	12	7	
7				19	10	24		4	17	45	19	22	52	1	15	3	21	19	19	10	1
8	4	7	34								8	13	33		4	11	29				
9				8	5	2		12	10	8				12	22	30	8	4	33		
10	12	2	28								16	23	34				16	7	20		
11				16	10	45		1	20	2				1	4	48					
12	1	4	31	5	21	28					5	15	40	9	23	17	5	2	14		
13	9	13	41					9	10	22											
14	17	20	42	13	4	32		17	20	53	13	5	25	17	21	2	13	4	7		
15				2	14	38					2	12	20				2	13	13		
16	6	7	23					6	4	5	10	20	18	6	4	56	10	20	25		
17	14	12	56	10	2	4		14	21	44				14	13	14					
18				18	10	24					18	18	15				18	7	2		
19	3	7	37					3	15	16				3	1	47	7	21	26		
20				7	4	13					7	12	43								
21	11	0	2	15	22	40		11	10	12	15	18	57	11	17	57					
22	19	14	29					19	12	52							15	7	23		
23	8	11	25	4	5	39		8	22	14	4	5	53	19	3	58	4	23	43		
24				12	13	3					12	14	2	8	18	35	12	12	29	7	
25	10	10	30					10	5	13	1	21	59	10	5	31	1	16	57	1	
26				1	5	57		5	15	38				5	12	38					
27	5	2	17	6	23	18					9	10	11				9	4	47		
28								13	20	42				13	5	41					
29	13	12	25								17	18	14				17	2	2		
30				17	8	24		2	15	29				2	23	6	6	20	31		
31	2	2	28	6	21	36					6	12	11	10	18	2					



KL

October

Solis Lune Ascēdes.

			S	m	S	S	S	S	b	m	S
1	a	Remigij episcopi	17	20	0	10	11	10	19	8	18
2	b	6 non	18	19	0	24	11	23	19	12	19
3	c	5 non	19	19	1	7	0	6	19	16	19
4	d	4 non	20	19	1	20	0	19	19	20	20
5	e	3 non	21	19	2	3	1	2	19	24	21
6	f	2 non	22	19	2	16	1	15	19	28	22
7	g	non	23	19	2	29	1	28	19	32	23
8	a	8 id	24	19	3	13	2	11	19	36	24
9	b	7 id	25	19	3	26	2	24	19	40	25
10	c	6 id	26	19	4	9	3	7	19	44	26
11	d	5 id	27	19	4	22	3	20	19	48	27
12	e	4 id	28	20	5	5	4	4	19	52	28
13	f	3 id	29	20	5	18	4	17	19	56	29
14	g	2 id	0	20	6	2	5	0	20	0	30
15	a	Idus	1	20	6	15	5	13	20	4	1
16	b	17 kal	2	21	6	28	5	26	20	8	2
17	c	16 kal	3	21	7	11	6	9	20	12	3
18	d	15 kal	4	21	7	24	6	22	20	16	4
19	e	14 kal	5	22	8	8	7	5	20	20	5
20	f	13 kal	6	22	8	21	7	18	20	24	6
21	g	12 kal	7	23	9	4	8	1	20	28	7
22	a	11 kal	8	23	9	17	8	14	20	32	8
23	b	10 kal	9	24	10	0	8	27	20	36	9
24	c	9 kal	10	25	10	13	9	10	20	40	10
25	d	8 kal	11	25	10	27	9	23	20	44	11
26	e	7 kal	12	26	11	10	10	6	20	48	13
27	f	6 kal	13	27	11	23	10	19	20	52	14
28	g	5 kal	14	27	0	6	11	3	20	56	15
29	a	4 kal	15	28	0	19	11	16	21	0	16
30	b	3 kal	16	29	1	2	11	29	21	4	17
31	c	2 kal	17	29	1	16	0	12	21	8	18



1475				1494				1513			
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.	
1	10 14 48	14	6 32	10	8 8						
2	18 22 9	3	14 10	18	23 8	14	7 15	18	21 13	14	3 11
3	7 6 49			7	6 5 1	3	14 40			3	14 24
4		11	0 19	15	18 42	11	21 42	7	6 49		
5	15 7 23					19	14 2	15	13 44	11	22 40
6		19	4 47	4	10 16			4	23 57	19	6 26
7	4 2 17	8	23 39			8	7 13			8	18 24
8	12 20 28			12	4 36			12	13 38		
9		16	23 43			16	16 33	1	23 26	16	2 18
10	1 14 17			1	11 46					5	20 16
11	9 23 52	5	8 17	9	23 20	5	6 1	9	16 19		
12		13	15 46			13	15 17			13	15 54
13	17 9 5			17	6 52	2	22 48	17	7 49	2	23 23
14	6 22 27	2	3 3	6	15 23			6	14 50		
15		10	18 35			10	8 44			10	6 25
16	14 7 50			14	15 24			14	3 0	18	22 13
17		18	4 46			18	12 44	3	18 23		
18	3 1 2	7	20 24	3	10 17					7	15 14
19	11 14 48					7	7 40				
20		15	9 3	11	4 35	15	8 18	11	12 36		
21	19 0 31	4	16 2	19	0 58	4	17 0	19	20 7	15	0 47
22	8 7 54			8	8 38			8	7 56	4	14 27
23		12	0 21	16	17 34	12	0 4	16	15 37	12	0 32
24	16 2 55	1	23 38			1	11 40	5	23 58	1	7 29
25	5 20 55			5	7 4					9	17 12
26		9	18 25			9	2 42	13	23 27		
27				13	15 52					17	20 45
28	13 5 0	17	23 35			17	12 54	2	18 15		
29	2 17 13	6	10 27	2	9 13					6	15 52
30		14	17 41	10	23 15	6	4 45	10	12 42		



**K**

November

Solis Lune Ascēdēs.

KL				Om̃i s s s s b m d										
1	D		Om̃iū sanctorū	m	18	30	1	29	0	25	21	12	19	
2	e	4 non	Comemoratio animarū		19	31	2	12	1	8	21	16	21	
3	f	3 non			20	32	2	25	1	21	21	20	22	
4	g	2 non			21	33	3	8	2	4	21	24	23	
5	H	Non			22	34	3	22	2	17	21	28	25	
6	b	8 id <sup>o</sup>	Leonardi confessoris		23	35	4	5	3	0	21	32	26	
7	c	7 id <sup>o</sup>			24	36	4	18	3	13	21	37	27	
8	d	6 id <sup>o</sup>	Quattuor coronatorū		25	37	5	1	3	26	21	41	28	
9	e	5 id <sup>o</sup>			26	38	5	14	4	9	21	45	30	
10	f	4 id <sup>o</sup>	Martini pape		27	39	5	27	4	22	21	49	1	
11	g	3 id <sup>o</sup>	Martini episcopi		28	40	6	11	5	5	21	53	2	
12	H	2 id <sup>o</sup>			29	41	6	24	5	19	21	57	4	
13	b	Idus	Bricij episcopi	T	0	42	7	7	6	2	22	1	5	
14	c	18 kal'	Decembris		1	44	7	20	6	15	22	5	7	
15	d	17 kal'			2	45	8	3	6	28	22	10	8	
16	e	16 kal'			3	46	8	16	7	11	22	14	10	
17	f	15 kal'			4	48	9	0	7	24	22	18	11	
18	g	14 kal'			5	49	9	13	8	7	22	22	13	
19	H	13 kal'	Elizabeth vidue		6	50	9	26	8	20	22	26	15	
20	b	12 kal'			7	51	10	9	9	3	22	30	17	
21	c	11 kal'			8	52	10	22	9	16	22	35	19	
22	d	10 kal'	Cecilie virginis		9	54	11	6	9	29	22	39	20	
23	e	9 kal'	Clementis pape		10	55	11	19	10	12	22	43	22	
24	f	8 kal'	Chrysogoni martyris		11	56	0	2	10	25	22	47	24	
25	g	7 kal'	Katherine virginis		12	57	0	15	11	8	22	51	26	
26	H	6 kal'	Lini pape		13	59	0	28	11	21	22	55	28	
27	b	5 kal'			15	0	1	11	0	5	22	59	30	
28	c	4 kal'			16	1	1	25	0	18	23	3	X 1	
29	d	3 kal'	Vigilia		17	2	2	8	1	1	23	8	3	
30	e	2 kal'	Andree apostoli		18	4	2	21	1	14	23	12	5	



75				1494				1513			
Con.		Oppo.		Con.		Oppo.		Con.		Oppo.	
1	10	2	18			14	17 49			14	16 51
2	18	9	22	3	2 25	18	9 17	18	9 37		
3	7	20	22	11	15 25	7	16 36	3	0 48	7	17 24
4						15	11 6	11	8 55	11	8 51
5	15	2	36			19	7 44	15	2 4	19	20 4
6	4	21	11	19	0 4	4	4 55	4	14 57		
7				8	17 41	12	23 55	8	2 27	8	10 54
8	12	13	17					12	7 32	16	21 1
9				16	11 21			16	8 2	1	17 27
10	1	3	5	5	18 32	1	1 49	5	18 44	5	13 6
11	9	10	3			9	10 57	9	7 43		
12	17	23	51	13	5 7	17	18 2	13	1 46	17	18 8
13				2	19 31			2	10 59	2	9 37
14	6	16	3			6	4 51	10	23 36	6	1 23
15				10	13 10			14	19 19		
16	14	2	8	18	21 57	14	10 40			18	15 50
17	3	16	46			18	8 10	3	13 1		
18				7	10 45	3	5 15	7	1 56	7	10 31
19	11	3	48	15	19 17	11	21 42	15	20 7		
20	19	10	59			19	11 55	11	8 0	15	16 31
21	8	19	57	4	3 8	8	18 52	4	3 24	19	10 26
22				12	13 38			12	10 33	8	19 43
23	16	21	24			16	8 14	16	2 45	12	11 28
24				1	18 47			1	3 48	5	13 18
25	5	16	23			5	0 11	9	21 15	9	7 58
26				9	13 39			13	18 43		
27	13	19	37			13	10 21			17	16 15
28				17	12 50			17	6 16	2	13 29
29	2	5	15	6	21 8	2	1 16	6	19 18	6	10 8
30	10	12	38	14	4 54	10	12 27	10	6 1		
31	18	22	23	3	16 49	18	19 43	14	4 6	18	20 40
										14	4 52



KX

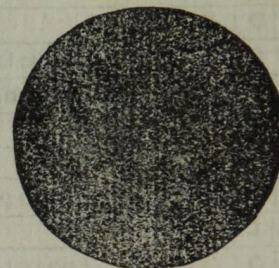
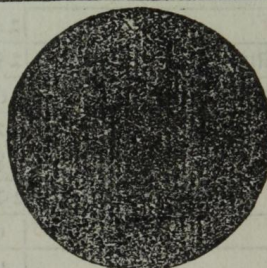
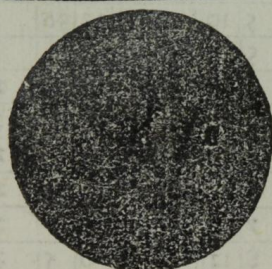
December

Solis Lune Ascēdes.

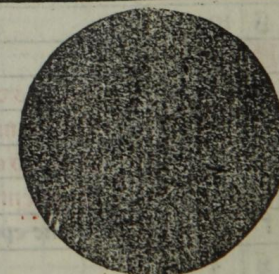
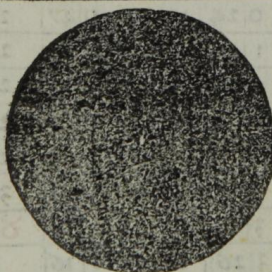
			S m S S S b m S
1 f			19 5 3 4 1 27 23 16 X 7
2 g	4 non		20 7 3 17 2 10 23 20 9
3 a	3 non		21 8 4 0 2 23 23 24 11
4 b	2 non	Barbare virginis	22 10 4 14 3 6 23 28 13
5 c	Non		23 11 4 27 3 19 23 32 15
6 d	8 id <sup>9</sup>	Nicolai episcopi	24 12 5 10 4 2 23 36 16
7 e	7 id <sup>9</sup>	Octava sancti Andree	25 14 5 23 4 15 23 41 18
8 f	6 id <sup>9</sup>	Conceptio Marie	26 15 6 6 4 28 23 45 20
9 g	5 id <sup>9</sup>		27 17 6 20 5 11 23 49 22
10 a	4 id <sup>9</sup>		28 18 7 3 5 24 23 53 24
11 b	3 id <sup>9</sup>	Damasi pape	29 20 7 16 6 7 23 57 26
12 c	2 id <sup>9</sup>		0 21 7 29 6 20 0 1 21
13 d	Idus	Lucie virginis	1 23 8 12 7 4 0 5 30
14 e	19 kal	Jan Nicolai episcopi	2 24 8 25 7 17 0 9 Y 2
15 f	18 kal		3 27 9 9 8 0 0 14 4
16 g	17 kal		4 28 9 22 8 13 0 18 6
17 a	16 kal	Ignacii episcopi	5 29 10 5 8 26 0 22 8
18 b	15 kal		6 30 10 18 9 9 0 26 10
19 c	14 kal		7 32 11 1 9 22 0 30 13
20 d	13 kal	Vigilia	8 33 11 14 10 5 0 34 15
21 e	12 kal	Thome apostoli	9 35 11 28 10 18 0 39 17
22 f	11 kal		10 36 0 11 11 1 0 43 19
23 g	10 kal		11 38 0 24 11 14 0 47 21
24 a	9 kal	Vigilia	12 39 1 7 11 27 0 51 22
25 b	8 kal	Natalis domini	13 40 1 20 0 10 0 55 25
26 c	7 kal	Stephani p̄toromartyris	14 42 2 4 0 23 1 0 26
27 d	6 kal	Joannis euangeliste	15 43 2 17 1 6 1 4 28
28 e	5 kal	Innocentium	16 45 3 0 1 20 1 8 30
29 f	4 kal	Thome episcopi	17 46 3 13 2 3 1 12 31
30 g	3 kal		18 47 3 26 2 16 1 16 3
31 a	2 kal	Silvestri pape	19 49 4 9 2 29 1 20 6



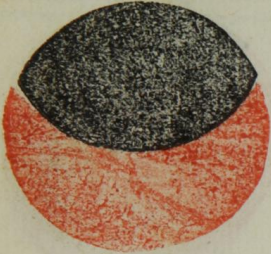
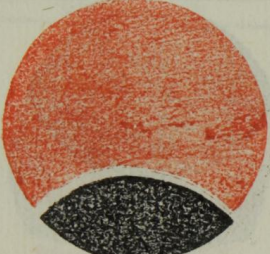
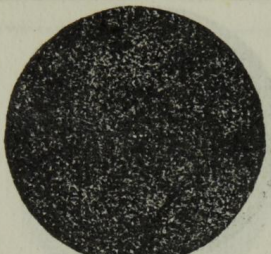
1 4 8 3	1 4 8 3	1 4 8 5
Eclipsis Lune	Eclipsis Lune	Eclipsis Solis
22 10 31	15 14 38	16 4 35
Aprilis	Octobris	Martij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 47	1 51	1 0

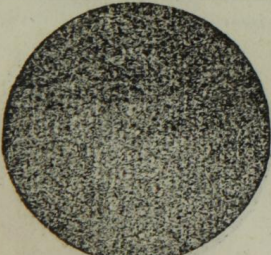
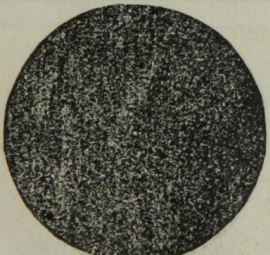
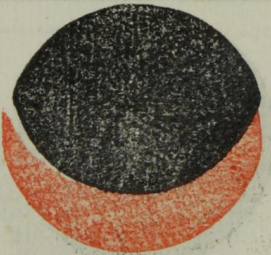


1 4 8 6	1 4 8 6	1 4 8 7
Eclipsis Lune	Eclipsis Solis	Eclipsis Lune
18 5 41	5 17 43	7 15 49
Februarii	Martij	Februarii
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 47	1 0	1 46
	Puncta nouem	



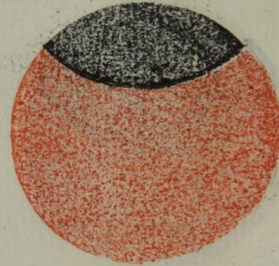
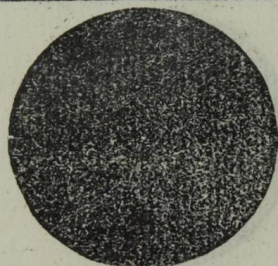


1487	1488	1489
Eclipsis Solis	Eclipsis Solis	Eclipsis Lune
20 2 6	8 17 30	7 17 41
Iulij	Iulij	Decembris
Dimidia duratio	Dimidia duratio	Dimidia duratio
0 51	0 41	1 45
Puncta septem	Puncta quattuor	
		

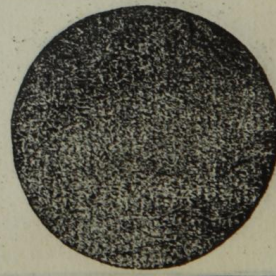
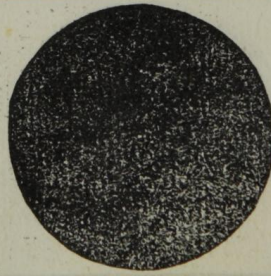
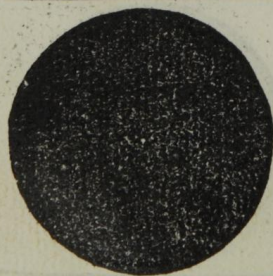
1490	1490	1491
Eclipsis Lune	Eclipsis Lune	Eclipsis Solis
2 10 6	26 18 25	8 3 18
Iunii	Novembris	Maij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 55	1 47	1 5
		Puncta novem
		



1493	1493	1494
Eclipsis Lune	Eclipsis Solis	Eclipsis Solis
19 13 58	10 2 38	7 4 12
Aprilis	Octobris	Martij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 49	1 4	0 44
	Puncta octo	Puncta quattuor

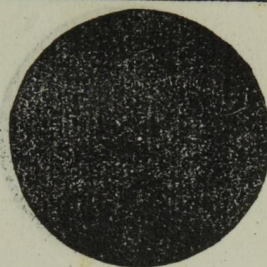
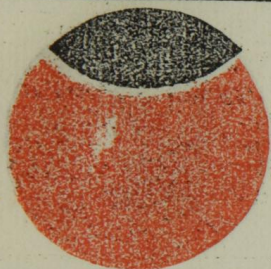


1494	1494	1497
Eclipsis Lune	Eclipsis Lune	Eclipsis Lune
21 14 38	14 19 45	18 6 38
Martij	Septembris	Januarij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 46	1 48	1 46

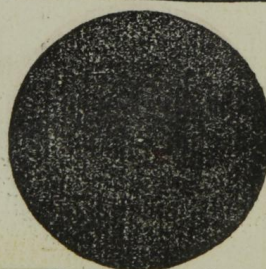




1497	1500	1501
Eclipsis Solis	Eclipsis Lune	Eclipsis Lune
29 3 2	5 14 2	2 17 49
Iulij	Novembris	Maij
Dimidia duratio	Dimidia duratio	Dimidia duratio
0 36	1 37	4 52
Puncta tria	Puncta decem	

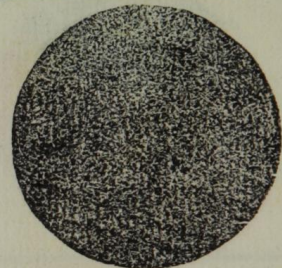
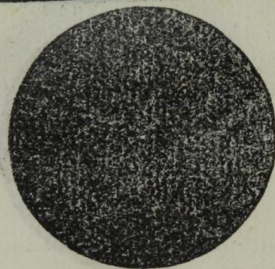


1502	1502	1504
Eclipsis Solis	Eclipsis Lune	Eclipsis Lune
30 19 45	15 12 20	29 13 36
Septembris	Octobris	Februarij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 7	1 1	1 46
Puncta decem	Puncta tria	

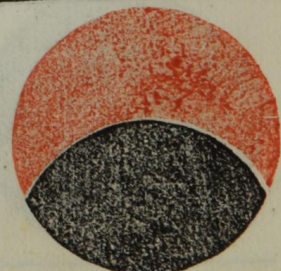
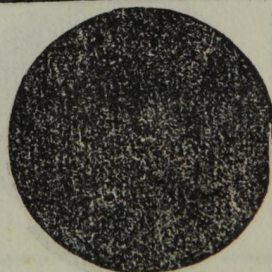




1505	1506	1508
Eclipsis Lune	Eclipsis Solis	Eclipsis Lune
14 8 18	20 3 11	12 17 22
Augusti	Iulij	Iunii
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 43	0 29	1 53
	Puncta duo	

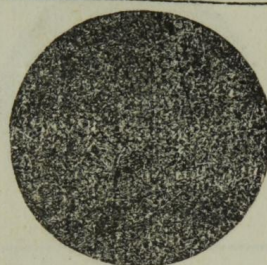
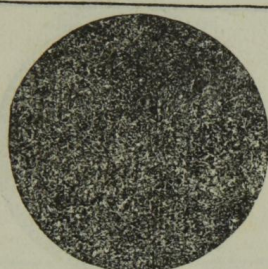
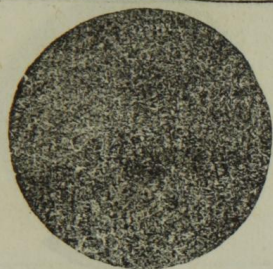


1509	1511	1513
Eclipsis Lune	Eclipsis Lune	Eclipsis Solis
2 11 11	6 11 52	7 1 33
Iunii	Octobris	Martij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 26	1 40	0 59
Puncta septem		Puncta septem






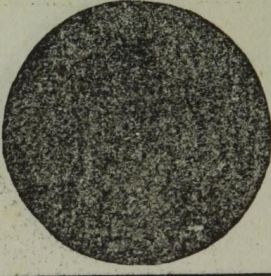

1515	1516	1516
Eclipsis Lune	Eclipsis Lune	Eclipsis Lune
29 15 20	19 6 0	13 11 39
Januarij	Januarij	Iulij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 47	1 45	1 42




1516	1518	1518
Eclipsis Solis	Eclipsis Lune	Eclipsis Solis
23 3 59	24 11 22	7 17 54
Decembrijs	Maij	Iunij
Dimidia duratio	Dimidia duratio	Dimidia duratio
0 40	1 34	1 6
Puncta tria	Puncta nouem	Puncta vndecim



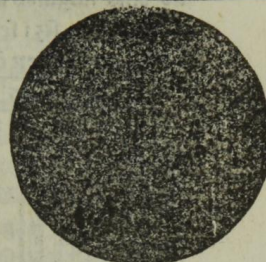
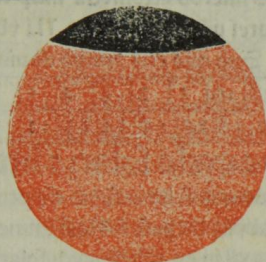
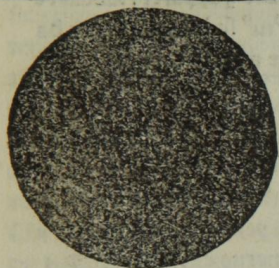


1519	1519	1520
Eclipsis Solis	Eclipsis Lune	Eclipsis Solis
23 4 37	6 6 26	11 5 26
Octobris	Novembris	Octobris
Dimidia duratio	Dimidia duratio	Dimidia duratio
0 58	1 50	0 47
Puncta sex		Puncta tria
		

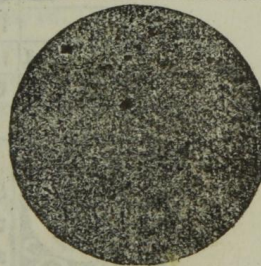
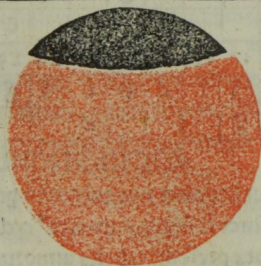
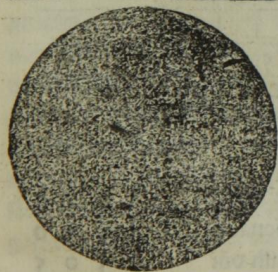
1520	1522	1523
Eclipsis Lune	Eclipsis Lune	Eclipsis Lune
25 16 57	5 12 17	1 8 30
Octobris	Septembris	Martij
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 2	1 44	1 48
Puncta tria		
		



1523	1525	1525
Eclipsis Lune	Eclipsis Lune	Eclipsis Lune
25 15 16	4 10 12	29 10 8
Augusti	Julij	Decembris
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 47	0 50	1 44
	Puncta duo	

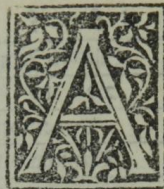


1526	1527	1530
Eclipsis Lune	Eclipsis Lune	Eclipsis Lune
18 10 31	7 10 54	7 12 12
Decembris	Decembris	Octobris
Dimidia duratio	Dimidia duratio	Dimidia duratio
1 48	0 58	1 50
	Puncta tria	





## De aureo numero



Aureū numerū cuiusvis anni sic inuenies. Vide quo-  
tus sit ann<sup>9</sup> proposit<sup>9</sup> a primo anno christi dñi. quē  
numerū si offēdes in tabella hic appōita: aure<sup>9</sup> nu-  
mer<sup>9</sup> est. 13. Si nō: nūero proximo minori illic ex-  
presso da. 13. sequēti. 14. et iterū succedēti. 15. sicqz

deinceps donec perduceris ad numerū anni propositi: hoc est singu-  
lis ānis singulos aureos nūeros accōmoda incipēdo ab āno q apparet i tabella: e  
a 13. primo scz i serie aurei nūeri subscripta. Nā ubi ann<sup>9</sup> tu<sup>9</sup> sedē inueniet: illic ha-  
bebis aureū nūerū q̄sitū. Sub quo etiā p̄tinuo clauis festoz mobilū cois apparebit

13	14	15	16	17	18	19	1	2	3	4	5	6	7	8	9	10	11	12	
14	33	22	11	30	19	38	26	15	34	23	12	31	20	39	28	17	36	25	



## De cyclo solari et littera dominicali

Unerus cycli solaris simili cōputo deprehenditur  
p suā tabellā hic posita. Nā si numer<sup>9</sup> anni propositi  
scriptus est in ea tabella cycli solaris numerus est.  
28. Si non est illic expressus: da proximo minori  
ibidem scripto. 28. sequēti. 1. ac rursus succedēti.

2. sicqz deinceps quēadmodū de aureo nūero precipiebāt donec ad  
annum propositum peruenies. Nam ubi talis annorum supputatio desinet: illic in  
serie cycli solaris subscripta numerū cycli solaris quēsitū agnosces. Sub eo autem  
numero cycli solaris cōtinuo habebis litterā dñicalem anni tui. que si unica occur-  
rat: annū esse cōmunē intelliges. si duplex bissextilē. Prior id est superior ad festū  
vsqz Matthe ap̄li utilis erit. Inferior autē ad reliquā anni partē accōmodabit.

28	1	2	3	4	5	6	7	8	9	10	11	12	13						
A	g	e	d	c	b	g	f	e	d	b	A	g	f						
	f				A			c				e							
14	15	16	17	18	19	20	21	22	23	24	25	26	27						
d	c	b	A	f	e	d	c	A	g	f	e	c	b						
			g				b				d								



## De inditione

Orro ut breuiter res vulgatas pcurram<sup>9</sup> haud  
dissimiliter colligetur numer<sup>9</sup> cycli indictionalis  
assumpta presenti tabella annorum Christi dñi  
quoz vnusquisqz habet. S. id est: cycli indictiona-  
lis octau<sup>9</sup> est. Ceteri autē anni in tabella nō ap-

parētes fm indictionis seriē hic subiunctā distributi suos quiqz numeros inueniēt.

8	9	10	11	12	13	14	15	1	2	3	4	5	6	7					
---	---	----	----	----	----	----	----	---	---	---	---	---	---	---	--	--	--	--	--



## De intervallo et festis mobilibus



Intervallo carnispruiale festaqz mobilia quolibet anno sic facile dignosces. Animaduerte aureū numerū anni propositū in primo ordine tabule festoz mobilium. sub quo in sequenti ordine videlicet litterarū dñicalium accipe litterā dñicāle anni tui proximo occurrentē. q̄ erit index omnium p̄ hāc tabulā promissoz. Nā in versu q̄ ab eā ltrā dominicali dextrosū porrigitur primo videbis intervallū: id est temp⁹ a natali saluatoris nostri ad dominicā qua cantat̄. Esto mihi. deinde diē septuagesime et cetera quęqz fronti tabule inscripta sūt. Sed intervallū duos habet ordines: quoz rū prior docet hebdomadas integras. posterior aut̄ cōcurrentes si qui anno quopīa fuerint. id est dies septenario pauciores qui septimanis integris adnumerantur. quos quidē accedere oportet quotiens natalis Christi domini p̄ter diē dominicā agit̄. Itaqz intervallū carnispruiale semp duoz annoz pars est: appellationem sumens a posteriori: quoniā in eo finē habet: q̄vis cōcurrentes sint anni prioris. dies scilicet a natali ad dominicā proximo sequentē quādo natalis ipse alia q̄z dominica diē peragit̄. Quāobrem recte precipi in anno bissextili quom duplex sit littera dominicalis hebdomadas quidem integras per posteriorē: cōcurrentes vero per priorem queri debere. Nec temere iussimus sub aureo numero litterā dominicāle in suo ordine accipi. Nā si aliquādo littera dominicalis e directo aurei numeri appareat: ea nō erit cōueniens nuncia festoz mobilium. sed ad sequentē proximo descendendū ē. Sic enī: qd̄ p̄rib⁹ placuit: nūqz paschalis celebritas cū hebraica coincidet obstinatiōe: modo paschalis cōpur⁹ rite tractet̄. Est et alia via inueniēdi quoz festa mobilia quoz clauēs i cāledario posite sūt ad hūc modū. Quot sūt vnitates i daue festoz mobilium cōmuni superius per aureum numerum inuente: tot dies computa in cāledario a loco clauis cuiuscunqz festi mobilis. Postrem⁹ enim diē vocatur terminus festi quesiti. Ipsum autem festum peragi solet dominica diē que proximo succedit. Verū in anno bissextili cautelis quibusdam opus est. Tūc enī non solum concurrentes sed et septuagesima ac quadragesima per priorem litterā dominicāle accipi debent. reliqua vero omnia per posteriorē. Attamen quadragesima retrahenda erit per diē vnum si iuxta hanc cautelam ad vigesimā quartam diē februarij aut post eam peruenerit. Qd̄ si per clauem libeat inuestigare memorata festa: clauī ipsi addenda est vnitas quotiens in anno bissextili septuagesima aut quadragesima queritur retracta item quadragesima per vnū diē si in vigesima quarta februarij aut post eam inuenta fuerit.

Sequitur tabula festoz mobilium.



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Magl. L.7.42



## De coniunctionibus ac oppositionibus luminariū



Coniunctiones atq; oppositiones luminariū vere haud difficulter  
deprehenduntur preambulis qui usq; p<sup>ri</sup>o exp<sup>o</sup>positis. Unusquisq;  
igitur duodecim mensū anni duas habet partes aut facies: quarū  
dextra quidē ad kalendarū attrinet. Eius primus ordo habet nu-  
merū dierū mēis cuiuslibet qui. 31. nusq; supar. Sequens ordo  
septenis p<sup>o</sup>stat litteris: quaz q<sup>u</sup>libet ad certā septimane diē refert.  
et que ad dominicā spectat diē s<sup>o</sup>cialis vulgo nuncupat. Succedūt itē triplices  
numeri nonarū: idū: atq; kalendarū. Cuiuslibet nempe mensis dies trifariam di-  
stinguunt: in kalendas videlicet nonas et idus ita ut primi singulorū mensū dies  
kalende nuncupent: sequentib<sup>9</sup> quaternis aut senis q<sup>u</sup>q; dieb<sup>9</sup> qui dicuntur none. itē  
octonis in quolibet mēse idib<sup>9</sup>. dies autē reliqui omnes kalende numerate vocā-  
tur: numeris tā earū q<sup>u</sup> precedentū appellationū cōtinue decrecentibus. Quāvis  
autē kalende initiales none itē atq; idus a mēse in quo scribunt denominationem  
sumant: kalende t<sup>o</sup> numerate ad sequentē referant mēse: quāob<sup>re</sup> et iuxta sup<sup>o</sup>-  
mā earū nomē mensis succedentis adnotat. Deinde occurrūt nomina sanctorū quo-  
rundā quibus dies mensū dicati sūt. Postremo loco sūt tres columnule numeroz  
binis distincte lineis: quarū prima est Solis veluti inscriptio admonet: cui<sup>9</sup> priores  
quidē numeri gradus integros veri motus solis: posteriores autē minutias graduū  
continēt. Suntq; grad<sup>9</sup> illi atq; minutie eius signi q<sup>u</sup> proxime supra scribit. Reliqs  
duas colūnulas luna sibi vendicat. quarū utraq; duplices habet numeros: priorib<sup>9</sup>  
quidē signa: posterioribus autē gradus significantibus. Sinistra deniq; facies post  
numerum dierum atramento scriptum sex habet columnas quinq; vacuis intersti-  
tijs separatas: quarū unaqueq; triplici numerozū constat ordine non quidē cō-  
tinue vb q<sup>u</sup> sed saltim nōnunq; succedentiū. Primus ordo habet aureū numerum  
rubro scriptū: secund<sup>9</sup> horas: tertius minuta horarū cōplectit. De colonne tribus  
cyclis decēnualibus accommodant: quorū videlicet quinis decēnue annos cōtinet.  
Primus initū sumit ab anno C<sup>o</sup>lūsti domini. 1475: secund<sup>9</sup> ab anno. 1494. et ter-  
tius anno. 1513. quos etiā annos numeri sui supra binas columnas positi rep<sup>o</sup>se-  
rant. Horum autem cyclorū cuiuslibet due ex predictis sex columnis adaptantur.  
Prior cuiuslib. et cycli columna coniunctionibus: posterior autem oppositiōib<sup>9</sup> lu-  
minariū vetis inseruit veluti inscriptiones que sunt in capitib<sup>9</sup> columnarum admo-  
nent. Quando itaq; libet scire tempus coniunctionis vere luminariū mēse quopā  
vsualī quere autēū numerū anni propositi in columna coniunctionū cycli currentis  
currentem vocamus in quo annus propositus continet: et directo ipsi<sup>9</sup> a dextris  
quidem videbis horas et minutias si que sint. a sinistris autē in extremo ordine  
numerum diei a cuius meridie computari debent hore cū minutijs prius accepit



quibus exactis fit talis cōiunctio. Quod si velis diē huiusmodi insigni quadā appella-  
 tione pronunciare quere numerū eius in primo ordine calendarij. Juxta enī appa-  
 rebit quora sit septimane dies aut cui celebritati dicata vicinave sit. Nō aliter in-  
 uenies tempus oppositionis vere si aureū numerū in colūna oppositionū animad-  
 uertas. Sed hecquidē simpliciter accipienda sūt sicuti monuimus si a minutis nō  
 prominet gnomūculus aliquis: id est signū quoddā huiusmodi. 7<sup>1</sup>. siue sursum ver-  
 gat siue deorsū. Nā si tale signū apparuerit in interstitio colūmnarū: hōre dudum  
 accepte ad aliū diē trahunt eū scz iuxta quē desinit huiusmodi gnomūcul<sup>9</sup>. Ver-  
 bigratia cōiunctio que in tertio cyclo notat iuxta vigesimāsecundā. Ianuar i diē  
 ad vigesimāprimā eiusdē attinet: hoc est: hōre. 15. cū minutis. 18. nō a meridie vi-  
 gesimesecunde diei quā indicat aureus numer<sup>9</sup>. 17. sed a meridie vigesimeprime  
 sūt numerāde: qm̄ gnomūculus sursum porrect<sup>9</sup> illic desinit. Sic oppositio secundi  
 cycli q̄ iuxta nonā diē Septembris scribit ad octauā retorquet. 2 q̄ iuxta octauam  
 ponit ad septimā reduci debet. Pari ratione oppositio tertij cycli q̄ p̄tra. 23. diē  
 Nouēbris statuit ad. 25. eiusdē spectat gnomūculo illic ad tertium descēdēte versū.  
 Item cōiunctio primi cycli iuxta tertiam Decembris diē apparet ad secundā eiusdē.  
 7 que secunde diei adscribit ad primā attinet gnomūculis illic ad duobus quēadmodū  
 in Septembris coherentib<sup>9</sup>. Sicut autē numeros quosdā alienis sistere sedibus ratio  
 opificij cogebat. Verū omnē hāc supputationē horarū cū minutis suis ad meridi-  
 anū oppidi nurembergensis referri volum<sup>9</sup> q̄ locus ille dignus videbat quē nouo  
 litterarū genere celebrarem<sup>9</sup>. Hoc etiā accēdēte q̄ in ea habitatione nostra p̄sens  
 opusculū condidim<sup>9</sup>. Nec tū idcirco alios quosuis locos vsu calendarij nostri frau-  
 dauimus. sed ipsū quasi munus cōmune toti ferme Europe impartiuimus. repo-  
 sita regionū tabula que docet quantū quouis alius locus numeris scriptis addere  
 debeat aut detrahēre. Namq̄ in ea post ordinē prouinciarū accūitatū insigniorū  
 ad sinistram eunt mox alterutra litterarū. m. 7. a. occurrit. m. qdē significās q̄ nume-  
 rus sequens minui debet a tempore per aureū numerū superius accepto. a. vero  
 q̄ talis numerus addi debet siue habeat horā aliquā cū minutis: siue tantūmodo  
 minuta. Prior enī ordo colūnule litteras. m. 7. a. sequētis horariā habet inscriptio-  
 nem. posterior autē minurias exhibet. Facta igit additione aut minutione prout no-  
 ta occurrēs admonet: habebit tempus cōiunctionis aut oppositionis vere ad locum  
 propositū ac si ois supputatio ad meridianū eiusdē loci directā foret. Scribere autē  
 oia loca que nostra tempestate hab. rant inensū erat. quocirca paucas insigniores  
 habitationes exarauimus. que vero in vicinia singularū iacent ad scriptas tanquā  
 primarias reducent. pauxillo quopā intervallo nullā differentiā notari dignā im-  
 portante. Porro ut simul vniuersū hui<sup>9</sup> tabule tenorē interpretemur. postremus  
 ordo simplex ostēdit quot gradib<sup>9</sup> pol<sup>9</sup> mūdi aquiloni<sup>9</sup> supra horizonem cuiusuis  
 oti adnotati extollit. Is autē numerus quēadmodū vsuueniat inferius aperiet.



## De eclipsibus luminarium



Eclipsis solis aut lune omni eo anno futura est cuius numerus a primo anno Christi domini ceptus in capite cuiuspiam columne eclipsalis apparet. Tempus autem eclipsis numero succedenti deprehenditur tribus constante particulis separatim scriptis: quarum prima diem mensis qui mox etiam subiungitur ostendit. Secunda horas. tertia minutias: quibus a meridie talis diei computatis medium eclipsis evenit. Sequitur dimidia duratio que duplici plerumque constat numero hore videlicet unius ac minorum: nonnunquam vero minutis vixtaxat contenta est. Vocamus utem dimidiam durationem id tempus quod est ab initio eclipsis usque ad medium eius: aut ab eo medio usque ad finem. Quapropter si talis dimidia duratio a medio eclipsis dematur: restabit initium eclipsis: eademque ad medium eclipsis apposita finem eclipsis commonstrabit. Postremo si qua eclipsis particularis fuerit puncta eius adnotantur: id est quot duodecime ex diametro luminaris deficientis occultabuntur. Que res etiamfiguratione haud incōmoda representatur. Nam quanta pars circuli luminare significantis aramento tincta est: tantam ex superficie ipsius luminaris nobis obversa defecturā esse pronuntiabis: situ etiam deficientis partis innotescente. Inferior quippe luminaris pars deficiet si inferior pars circuli nigella sit. Superior autem si superior circuli portio atra fuerit. Eclipsim vero universalem circulus omnino niger significat. Sed hic quocumque spectat tabula regionum si aliubi quā in oppido nurembergensi degas. Quantum enim superius addidisti tempori conjunctionis vel oppositionis vere aut ab eo detraxisti: tantum hic quocumque ad medium eclipsis adde aut ex eo minue prout hora. a. vel. m. in tabula regionum apparens admonet.

## De loco solis vero



Etum solis locum hoc pacto cognosces. Intra tabulam solis sub scriptam cum numero anni propositi: et quod iuxta eum apparebit adde ei numero qui scribitur in columnula solis ad diem propositum: priorem videlicet numerum priori: et posteriorem qui est minor posteriori. At si summa minorum ultra. 60. evaserit: pro 60. ablatis adde gradum unum: reliquis in loco suo dimissis. Neque in anno communi post diem sancti Mathie apostoli usque ad finem anni facta additione huiusmodi demendus est gradus unus. Quod enim relinquatur ostendet verum locum solis in gradibus et minutis ad meridiem diei propositi. Quantum autem addi vel minui oporteat propter meridianorum differentiam: quoniam illud perexiguum est consulo preterimus.



## Tabula solis

Anni S m	Anni S m	Anni S m	Anni S m
1475	0 16	1490	0 38
1476	0 2	1491	0 23
1477	0 28	1492	0 9
1478	0 33	1493	0 55
1479	0 18	1494	0 40
1480	0 3	1495	0 25
1481	0 49	1496	0 11
1482	0 34	1497	0 57
1483	0 19	1498	0 42
1484	0 5	1499	0 27
1485	0 51	1500	0 12
1486	0 36	1501	0 58
1487	0 21	1502	0 43
1488	0 7	1503	0 28
1489	0 53	1504	0 14
		1505	1 0
		1506	0 45
		1507	0 30
		1508	0 16
		1509	1 2
		1510	0 47
		1511	0 32
		1512	0 18
		1513	1 4
		1514	0 49
		1515	0 34
		1516	0 20
		1517	1 6
		1518	0 51
		1519	0 36
		1520	0 21
		1521	1 7
		1522	0 52
		1523	0 37
		1524	0 23
		1525	1 9
		1526	0 54
		1527	0 39
		1528	0 25
		1529	1 11
		1530	0 56
		1531	0 41
		1532	0 27
		1533	1 13
		1534	0 58

## De loco lune vero



Ocus lune verus facile deprehendet si prius instrumēti lunaris partes dignoscant. Est itaqz in eo instrumēto zodiacus duodecim signorū suis characteribus distinctor. Signa trigenos habent gradus. hic aut vrgente loci angustia vnūquodqz spaciolū duas representat gradus. Intra zodiacum est equator lune numeros ab vno ad sex vltro citroqz gestans. Adsunt etiā due rotule mobiles duobus numeris lunaribus in kalendario positis respondentes: duobusqz qui in tabula radicum lune iuxta numeros annorum scribuntur. quorum prior signa: posterior autem gradus representat. His cognitis statuende sunt radices lune ut semel inuente per totum quemuis annum in promptu sint. Intra itaqz tabulam radicum lune cum numero anni propositi: et numerū lune priorem qui signis et gradibz cōstat computa in zodiaco ab ariete vbi crux est incipiendo: ita ut aries habeat. 1. taurus. 2. gemini. 3. et sic deinceps. vbi autem numerus ille desinet pone filum instrumēti. rotulamqz maiorem volue donec caput eius. id est crux sub filo iaceat. et ita manentem rotulam fige intrinsecus cum cera. talis enim erit situs eius per totum annum. Similiter posteriori numero fm signa zodiaci computato: filozqz ad



finem talis numeri traducto volue rotulam minorem donec caput eius filo occultetur: in eoq; situ si  
ge rotulam ut per totum annum illic maneat. Quoties itaq; locum lune in zodiaco scire cupis nume-  
rum lune priorem qui in calendario ad diem propositam scriptus est computa a capite maioris ro-  
tule. ad finemq; eius pone filum instrumenti. mox enim sub ipso filo habebitur in zodiaco loc<sup>9</sup> lune  
medius. Unde & verus continuo emerget si numerum lune posteriorum in calendario positum com-  
putaueris a capite minoris rotule. nam sub filo ad exitum talis numeri translato in equatore lune  
offerentur gradus addendi ad medium lune locum supra inuentum si in inferiori semicirculo equa-  
toris accipiant. aut minuendi ab eodem si in superiori. Semicirculos autem noto eos qui iuxta arie-  
tem ac libram incipiunt desinuntq;. Verum in anno bissextili a festo sancti Matthei apostoli usq; ad  
exitum anni utriq; numero lunari gradus. 13. superaddi oportebit.

### Tabula radicum lune

Ann S S S				Ann S S S				Ann S S S				Ann S S S			
1475	6	23	2 1	1490	1	7	0 3	1505	7	20	10 6	1520	1	20	7 26
1476	11	2	4 29	1491	5	16	3 2	1506	11	29	1 5	1521	6	13	11 8
1477	3	25	8 11	1492	9	25	6 1	1507	4	9	4 4	1522	10	22	2 7
1478	8	4	11 10	1493	2	18	9 13	1508	8	18	7 3	1523	3	2	5 6
1479	0	14	2 9	1494	6	27	0 11	1509	1	11	10 14	1524	7	11	8 4
1480	4	23	5 7	1495	11	7	3 10	1510	5	20	1 13	1525	0	4	11 16
1481	9	16	8 19	1496	3	16	6 9	1511	11	0	4 12	1526	4	13	2 15
1482	1	25	11 18	1497	8	9	9 21	1512	2	9	7 11	1527	8	22	5 14
1483	6	4	2 16	1498	0	18	0 19	1513	7	1	10 22	1528	1	2	8 12
1484	10	14	5 15	1499	4	27	3 18	1514	11	11	1 21	1529	5	24	11 24
1485	3	6	8 27	1500	9	7	6 17	1515	3	20	4 20	1530	10	4	2 23
1486	7	16	11 26	1501	1	29	9 29	1516	8	0	7 18	1531	2	13	5 22
1487	11	25	2 24	1502	6	9	0 27	1517	0	22	11 0	1532	6	22	8 20
1488	4	5	5 23	1503	10	18	3 26	1518	5	2	1 29	1533	11	15	0 2
1489	8	27	9 5	1504	2	27	6 25	1519	9	11	4 28	1534	3	24	3 1



Non autem nonnulli querunt ipsa incisioni venarum apta: habetq; luna plurimum prae-  
in ea re alijs atq; alijs recepta signis: non absenteu videt hic atterere generales  
quasda signorum proprietates: quibusq; partibus humani corporis singula accommodari  
soleant: ut quis breui ac crasso quoda argumeto signa apta ineptaq; internoscant.  
Pleniorē nāq; hui<sup>9</sup> rei tractatū alibi reddem<sup>9</sup>. Igitur Aries ut phibent auctores  
calidus & siccus est atq; igne<sup>9</sup>. caput bovis totū sibi vendicās. aptus incisioni vene.

Taurus frigidus siccus terreusq; ad collū spectat: ineptus sanguini fundendo. Gemini calidi  
humidi & aerei: humeros brachia manusq; tutantur. inutiles venis aperendis. Cancer frigidus  
humidus aque<sup>9</sup>: pectori stomacho pulmoniq; accommodatur. vari<sup>9</sup> in minatione sanguinis. Leonē  
calidū & siccū igne<sup>9</sup> esse phibent. dorsū ac latera respicientē: periculosum sanguini emittendo.



Virginis signū frigidū siccū terreūq; ad ventrē ac intestina spectat: indifferens ve  
ne secande. Libra calida humida aerea: umbilicū lumbos inferioraq; ventris  
foratur: vtilis sanguini minuendo. Scorpio frigidus humidus aquaticusq; pu  
denda gubernat: interius ad venā incidendā. Sagittario calido sicco & igneo:  
core adscribunt: vtili ad incisionē vene. Capricornus frigidus siccus ac terreus  
habet genua: ad sanguinis aut minutionē inutilis existit. Aquarius calidus hu  
midus & aereus: ad crura referit: indifferēs vene incidende. Pisces quoq; indif  
ferentes sūt frigidi humidi & aquatici: pedesq; in tutela recipiūt.

Illud aut nō est obliuione pretereundū q̄ et si luna in signo quopiā fuerit ad mi  
nutionē sanguinis electo: nō tñ attingi debet pars corporis eidē signo allegata. Pre  
terea iunēturi quidē luna crescens: senibus aut decrescens eligi consuevit.

### De magnitudine diei



Quantitatē diei vbiuis agnoscendā propria exposita est tabula  
in cui⁹ frōre numeri quidā statuunt elevationē poli borealis signi  
ficantes. in laterib⁹ aut extremis signa zodiaci cū termis gradibus  
suis adiacent. Illic ergo ad quāuis diē accipe signū & gradū solis  
Nā e directo ipsius sub numero elevationis polaris apparebit qn  
titas tps semidiurni in horis & minutis suis si sol in liquo signo  
rū borealiū fuerit: aut quātitas tēpis seminocturni si in australi quopiā extiterit: q̄  
temp⁹ seminocturnū ex. 12. horis ablatū relinquit quantitatē tps semidiurni. Ea  
aut quātitate duplicata totū temp⁹ diurnū conflatū. Quū aut dies cū nocte sua si  
mul viginti quattuor horis p̄sent: si quantitatē diei ex viginti quattuor horis demas  
quātitas noctis relinquet. Q̄ si gradus solis nō appareat in alterutro extremorū  
ordinū: cōs derabis duos iuxta eū viciniores. Nā penes sitū eius ad illos proportio  
naliter cōiectabis quantitatē tps semidiurni mediā quodāmodo inter duas quāti  
tates diēriū duobus illis vicinioribus gradibus respondentes. Porro semidiurni  
temporis quantitas indicat qua hora sol occidit: sicut & seminocturnū tempus ortū  
solis declarat. Ut aut signorū caracteres agnoscas hic apposita est tabella: ostēdēs  
etiā que borealia queve australia nuncupentur.

Borealia		Australia	
♈	Aries	♎	Libra
♉	Taurus	♏	Scorpio
♊	Gemini	♐	Sagittarius
♋	Cancer	♑	Capricornus
♌	Leo	♒	Aquarius
♍	Virgo	♓	Pisces



# Tabula quantitatis dierum

	36	37	38	39	40	41	42	43	44	45	
h	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h
Y	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	30
3	6 3	6 4	6 4	6 4	6 4	6 4	6 4	6 4	6 5	6 5	27
6	6 7	6 7	6 8	6 8	6 8	6 8	6 9	6 9	6 9	6 10	24
9	6 10	6 11	6 11	6 12	6 12	6 12	6 13	6 13	6 14	6 14	21
12	6 14	6 14	6 15	6 15	6 16	6 17	6 17	6 18	6 18	6 19	18
15	6 17	6 18	6 19	6 19	6 20	6 21	6 31	6 22	6 23	6 24	15
18	6 21	6 22	6 22	6 23	6 24	6 25	6 26	6 27	6 27	6 29	12
21	6 24	6 25	6 26	6 27	6 28	6 29	6 30	6 31	6 32	6 33	9
24	6 27	6 28	6 30	6 31	6 32	6 33	6 34	6 35	6 36	6 38	6
27	6 31	6 32	6 33	6 34	6 36	6 37	6 38	6 40	6 41	6 43	3
m	6 34	6 35	6 37	6 38	6 39	6 41	6 42	6 44	6 45	6 47	mp X
3	6 37	6 39	6 40	6 41	6 43	6 45	6 46	6 48	6 50	6 51	27
6	6 40	6 42	6 43	6 45	6 47	6 48	6 50	6 52	6 54	6 56	24
9	6 43	6 45	6 47	6 48	6 51	6 52	6 54	6 56	6 58	7 0	21
12	6 46	6 48	6 50	6 52	6 54	6 56	6 58	7 0	7 2	7 4	18
15	6 49	6 51	6 53	6 55	6 58	6 59	7 1	7 4	7 6	7 8	15
18	6 52	6 54	6 56	6 58	7 0	7 3	7 5	7 7	7 10	7 12	12
21	6 55	6 57	6 59	7 1	7 3	7 6	7 8	7 11	7 13	7 16	9
24	6 57	7 0	7 2	7 4	7 6	7 9	7 11	7 14	7 17	7 20	6
27	7 0	7 2	7 4	7 7	7 9	7 12	7 15	7 17	7 20	7 23	3
† II	7 2	7 4	7 7	7 9	7 12	7 15	7 17	7 20	7 23	7 26	Q
3	7 4	7 7	7 9	7 12	7 14	7 17	7 20	7 23	7 26	7 29	27
6	7 6	7 9	7 11	7 14	7 17	7 19	7 25	7 26	7 29	7 32	24
9	7 8	7 10	7 13	7 16	7 19	7 22	7 25	7 28	7 31	7 35	21
12	7 9	7 12	7 15	7 17	7 20	7 23	7 27	7 30	7 33	7 37	18
15	7 11	7 13	7 16	7 19	7 22	7 25	7 28	7 32	7 35	7 39	15
18	7 12	7 14	7 17	7 20	7 23	7 26	7 30	7 33	7 37	7 40	14
21	7 13	7 15	7 18	7 21	7 24	7 27	7 31	7 34	7 38	7 42	6
24	7 13	7 16	7 19	7 22	7 25	7 28	7 32	7 35	7 39	7 42	9
27	7 14	7 16	7 19	7 22	7 25	7 29	7 32	7 35	7 39	7 43	3
30	7 14	7 17	7 19	7 22	7 26	7 30	7 32	7 36	7 39	7 43	96 b



# Tabula quantitatis dierum

	46	47	48	49	50	51	52	53	54	55	
S	b m	b m	b m	b m	b m	b m	b m	b m	b m	b m	S
Y	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	6 0	30
3	6 5	6 5	6 5	6 6	6 6	6 6	6 6	6 6	6 7	6 7	27
6	6 10	6 10	6 11	6 11	6 11	6 12	6 12	6 13	6 13	6 14	24
9	6 15	6 15	6 16	6 16	6 17	6 18	6 18	6 19	6 20	6 20	21
12	6 20	6 20	6 21	6 22	6 23	6 24	6 24	6 25	6 26	6 27	18
15	6 25	6 26	6 26	6 27	6 28	6 29	6 31	6 32	6 33	6 34	15
18	6 30	6 31	6 32	6 33	6 34	6 35	6 37	6 38	6 39	6 41	12
21	6 34	6 36	6 37	6 38	6 40	6 41	6 43	6 44	6 46	6 48	9
24	6 39	6 41	6 42	6 44	6 45	6 47	6 49	6 50	6 52	6 54	6
27	6 44	6 46	6 47	6 49	6 51	6 53	6 55	6 57	6 59	7 1	3
m 8	6 49	6 50	6 52	6 54	6 56	6 58	7 0	7 3	7 5	7 8	mp X
3	6 53	6 55	6 57	6 59	7 1	7 4	7 6	7 9	7 11	7 14	27
6	6 57	7 0	7 2	7 4	7 7	7 9	7 12	7 15	7 17	7 21	24
9	7 2	7 5	7 7	7 9	7 12	7 15	7 17	7 20	7 24	7 27	21
12	7 7	7 9	7 12	7 15	7 17	7 20	7 23	7 26	7 30	7 33	18
15	7 11	7 13	7 17	7 19	7 22	7 25	7 28	7 32	7 35	7 39	15
18	7 15	7 18	7 21	7 24	7 27	7 30	7 34	7 37	7 41	7 45	12
21	7 19	7 22	7 25	7 28	7 31	7 35	7 39	7 42	7 47	7 51	9
24	7 23	7 26	7 29	7 32	7 36	7 39	7 43	7 48	7 52	7 56	6
27	7 26	7 29	7 33	7 36	7 40	7 44	7 48	7 52	7 57	8 2	3
† II	7 30	7 33	7 36	7 40	7 44	7 48	7 52	7 57	8 2	8 7	Q m
3	7 33	7 36	7 40	7 44	7 48	7 52	7 56	8 1	8 6	8 12	27
6	7 36	7 39	7 43	7 47	7 51	7 56	8 0	8 5	8 10	8 16	24
9	7 38	7 42	7 46	7 50	7 54	7 59	8 4	8 9	8 14	8 20	21
12	7 40	7 44	7 48	7 53	7 57	8 2	8 7	8 12	8 17	8 23	18
15	7 42	7 46	7 50	7 55	7 59	8 4	8 9	8 15	8 20	8 26	15
18	7 44	7 48	7 52	7 57	8 1	8 6	8 11	8 17	8 23	8 29	12
21	7 45	7 49	7 54	7 58	8 3	8 8	8 13	8 19	8 25	8 31	9
24	7 46	7 50	7 55	7 59	8 4	8 9	8 14	8 20	8 26	8 32	6
27	7 47	7 51	7 56	8 0	8 4	8 10	8 15	8 21	8 27	8 33	3
30	7 47	7 51	7 56	8 0	8 5	8 10	8 15	8 22	8 27	8 34	6 b



## De horologio horizontali



Horologium horizontale in quavis habitatione hoc modo conficietur. Disquis pedibus circini ad latus quadrantis horologii horizontalis in planitie quadam circulum describe: cuius diametro designata alterum semicirculorum spatium horarium designandis accommoda. Etiam itaque semicirculi arcum divide per medium. et a puncto medie incisio- nis ad centrum circuli duc lineam rectam: que erit hore duodecime dia- meter autem circuli undum lineam duplici hore sexte videlicet antemeridiane et postme- ridiane inseruiet. Que res ut definitur exponi possit: arcum semicirculi oppone pecto- ri tuo ita ut linea hore duodecime aduersus te porrigas. Sic ergo diametro circuli in duas semidiametros resoluta: dextra quidem semidiameter horam sextam anteme- ridianam representabit. sinistra autem sextam postmeridianam. Reliquas autem horarum lineas hoc pacto inscribes. Pone filum quadrantis ad scalam latitudinum et moue indice id est nodulum filo adherentem ad eleuationem poli in scala signatam. Deinde tras- lato indice ad lineam hore prime habebis in arcu quadrantis extremum inter filum extensum et latus sinistram quadrantis distantiam unius hore a meridie. quam distan- tiam circino acceptam traduc ad semicirculum horologii futuri figendo scilicet al- terum pedem circini in extremo puncto linee hore duodecime. alterius autem cir- cūducti utrinque vestigium nota in arcu semicirculi. Duoque puncta sic facta cum centro horologii continua per duas rectas: quarum dextra quidem undecimam horam significabit: sinistra autem primam post meridiem. Rursus pone indicem ad lineam hore secunde: et habebis distantiam duarum horarum a meridie inter filum exten- sum latusque quadrantis. Hanc distantiam transfer sicut antea ad circumferentiam horologii. facisque duobus punctis. ac ipsis cum centro horologii copularis: dextra quidem linea erit hore decime: sinistra autem hore secunde. Non aliter efficies reliquas horologii lineas posito indice super ceteras horarum lineas in quadrante. Ad hunc mo- dum semicirculus horologii duodecim horarum spatiis distinguetur. Quum autem dies estiuus pluribus quam duodenis constet horis: reliquas horarum distantias hac via deprehendes. Quarta est intercapedo quinte et sexte horarum in circumferentia horologii: tantum officio circini adiunge utriusque hore sexte: facisque per pedem circini vagum duobus pun- ctis: ac eis cum centro per lineas rectas copularis: dextra quidem horam quintam an- temeridianam: sinistra vero septimam postmeridianam representabit. Item sumpta similiter intercapedine duarum horarum quarte sexteque: ac ea utrinque ad horam sextam adiuncta si ut prius duas rectas duxeris: dextra quidem horam quartam anteme- ridianam: sinistra octauam postmeridianam demonstrabit. Ceterum descriptis iam li- neis horariis pone filum quadrantis ad numerum eleuationis poli in habitatione tua: qui per tabulam regionum deprehenditur. mox enim apparebit angulus quidam



filo ipso ⁊ latere quadrantis graduato ꝑtentus. cui equalē fac ex tabula lignea: aut ex lamina ferrea. eūqꝫ angulū ad lineā hore duodecime sic applica ut cuspis ei⁹ cū centro horologii cōueniat. superficies aut anguli rectissime innitatur planicie horologii neutroꝝū videlicet declinās. Poteris etiā si libeat ex centro horologii educere filiū ferreū sin quantitatē anguli memorati. eritqꝫ vsus eius idē cū vsū anguli: vtriusqꝫ vmbra horas indicāte. Hactenus de fabrica. nūc de positione horologii tractandū que haud cōmode sine linea meridiana comparat. Est aut vulgaris linee meridiane inuentio ad hūc fere modū. In plano ad equidistantiā horizontis posito describe circulū quālibet. in cui⁹ centro fige stilū teretē sic ut cacumē eius quaꝫersū ē qualif distet a circūferētia circuli. Ea aut longitudine sit stilus ut vmbra ei⁹ breuissīma que fit ī meridie intra circulū termineꝫ. Obserua itaqꝫ duas stili vmbrias eqles antemeridianā ⁊ postmeridianā: quarū videlicet vtraqꝫ ad circūferētiā circuli designat: factisqꝫ duobus punctis ad terminos vmbzarū arcus interceptus per equa diuidat: punctusqꝫ medie incisionis cū centro circuli copulet: que quantūcūqꝫ etiam vtrinqꝫ extensa erit linea meridiana quā querebas. Cui iā superimponē lineā hore duodecime horologii ita ut semicirculus horarius ad septentriones spectet. Solo itaqꝫ radiante vmbra anguli supra memorati aut stili ferrei horas indicabit. Poteris aut ex vna linea meridiana qꝫ facillime innumeras alias elicere. Nā in ipso puncto hore duodecime vbicūqꝫ perpendiculū ex manu demiseris: si in vmbra stili duo puncta vbilibet sūpta ꝑ rectā copulaueris: ea noua erit linea meridiana. Pūctū aut hore duodecime minister tu⁹ ad horologiū adstās tibi qꝫuis absenti pronuntiabit.

### De noticia horarum equinoctialium



Er quadratum horarium huic libello insertū horas dierum in quavis habitatione facile discernes si prius officia partium instrumēti perspexeris. Est itaqꝫ scala latitudinū cancellatis strata lineis quarumque inuicem equidistant eleuationes poli definiunt: numeris suis ad dextram adnotatis: que vero ad angustiam descendunt quasi concursum petentes signa zodiaci denosqꝫ eorum gradus distinguunt litteris signorum initialibus opportune subnotatis. Discretionis autē gratia quilibet equidistantium vocetur zodiacus habitationis. quoniam vnaqueqꝫ earum in signa gradusqꝫ secta est per lineas inclinatas deorsum venientes. Sub hac scala est numerus horarum duplex: antemeridianus quidem superior. postmeridianus autem inferior: iuxta suam quisqꝫ horariam lineam. Extreme autem linee videlicet hore duodecime adiacet scala breuibus quibusdam distincta spatiosis: quorum singula denos gradus representant. Gradus inquam signorum que iuxta etiam litteris suis primarijs adscribuntur. Talem autem signorum



graduq; contextū haud iniuria zodiacū meridiei quīpiā appellauerit. Predictis lineis supincūbit brachiolū quoddā mobile. ex cuius fine que vocet man<sup>9</sup> demissū est perpendiculū: cui<sup>9</sup> filo adheret nodulus quidā horarū index. Porro in suprema linea instrumenti aut e directo eius ad sinistrā figendū est aliquid q<sup>9</sup> vmbra iaciat soli oppositū: quale poterit esse granū cercū. vel nodulus aut aliquid huiusmodi. In quacūq; igit<sup>9</sup> habitatione fueris diligēter animaduerte zodiacū tuū. nā in eo sēp man<sup>9</sup> p<sup>9</sup>dicta vtro citroq; decurret. Eā ergo manū pone ad gradū solis in zodiaco habitationis tue. filoq; p<sup>9</sup>pēdīculi libere demissi ad gradū solis in zodiaco meridiei aprato trāsser nodulū filo adherentē ad eundē solis gradū. Quib<sup>9</sup> sic dispositis si nistrū instrumenti lat<sup>9</sup> oppone soli radiātū ita ut vmbra cerei grani ad supremā instrū lineā p<sup>9</sup>ziggat. Mox enī situs nodulī inter lineas horarias quesitā indicabit horā.

### De horis temporalibus



Hactenus omnē horarū cōputū rettulim<sup>9</sup> ad meridianū: hoc est: vel a meridie vel a media nocte initū supputatiōis fecim<sup>9</sup>. Iā si liber ad horizontem referre: qm̄ plerūq; mos est ab occasu solis horas cōputare: nōnulli etiā ab oriēte sole horis diurnis initū facere cōsueuerūt: ad occasum hoc modo reduces horas a meridie ceptas. Subtrahē tēp<sup>9</sup> semidiurnū ex nūero horarū a meridie incipientiū superadditis viginti quattuor horis si alias subtractio fieri nequeat. Si vero a media nocte fuerint cōputate: deme semidiurnū duodecim horis supadditis. Sic enī relinquet nūmer<sup>9</sup> horarū a principio noctis cōputandarū. Ad ortū autē rediges horas a medio noctis exorsas si ex eis temp<sup>9</sup> seminocturnū detraxeris cū supplemēto etiā viginti quattuor horarū si alioquin detractio fieri nō possit. A meridie vero incipientiū subtrahē seminocturnū duodecim supadditis horis. Et hactenus quidē oīa de horis equinoctialib<sup>9</sup>: quas vulgo equales vocāt: accipiēda sunt. Eas autē facile cōuerteres in horas temporales que 7 inaequales hodie nuncupant<sup>9</sup> si vsū instrumenti ad hāc rem expositū addiscas. Pone igit<sup>9</sup> filiū instrumenti sup nūmerū rēporis semidiurni in limbo deprehensū: 7 promoue nodulū ad arcū hore duodecime. De inde transfer filiū in eodē limbo ad horas equinoctiales propositas: sed a meridiano hac vel illac: id est ad orientē versus vel occidentē prout res admonet computatas. Mox enī inter arcus horarios horā temporale nodulus indicabit. Verū cum duplex illis numerorū series appareat: superior quidē ab. 1. ad. 6. antemeridianis horis debetur: inferior autē a. 7. ad. 12. postmeridianis. Erūt autē hore temporales antemeridiane si equinoctiales antemeridiane fuerint. 7 si has postmeridianas supposueris: ille quoq; postmeridiane erūt. Nō aliter de horis nocturnis te expedies si filo ad tempus seminocturnū posito nodulū ut antea ad arcū hore duodecime perduxeris. horasq; equinoctiales propositas a medio noctis hac vel illac computaueris. De sūt hore quibus p<sup>9</sup>scā vtebant<sup>9</sup> quī dies quoscūq; ac etiam noctes



duodenis horis constituebat. Sed et eas horas gubernementoluminariū ac planetarū distribuēbant incipientes a prima hora diei saturni: quā saturno ipsi supremā obtinenti sedem dicauere. secundā ioui. tertiā marti: et sic deinceps ordine seruato eādem horarū q̄z planetarū. nocturnas etiā horas diurnis subiungētes: ita ut percurtis viginti quattuor horis planetisq̄ quotiens oportet repetitis vigesima quinta hora: id est prima postere diei quartū ex ordine planetā adfiscat. Sic prima hora sequētis diei: id est dominice ad solē attinet. et que deinde succedunt ut prius planetis suis accommodant. Sed ne in re puulgata diē teramus: si libet scire cui planete debeat hora quelibet proposita: scias in primis cuius planete sit dies presens. Tale autē planete habent successionē per dies septenos: Saturnus Sol Luna Mars Mercurius Iupiter Venus. diē sabbati saturno assumente: ceterisq̄ dieb⁹ ad ceteros planetas ex ordine relatis. Quo cognito statue primā horā diei in nota interiori primi articuli indicis: secundā in nota secūdi articuli: tertiā in nota tertij. quartā in cumine indicis: quintā in nota exteriori tertij articuli: sextā in secūdo: septimā in primo articulo extrinsecus. reliquas autē horas si que sint: similiter ad articulos sequētiū digitorū adapta: digitiq̄ qui horā propositā suscipit animaduerte. Nā si i primo articulo talis digiti intrinsecus planetā diei listes et sequentibus articulis sequētes planetas addicabis donec ad sedē hore propositę venies: illic planetam hore dñm deprehendes. Nec quantūq̄ sint momēti adnotasse nō fuerit alienū quādoq̄ de horarū tractatu ad hāc fere scriptionē adducti sumus. Quis hoc queq̄ simul innotescat cur septenis diebus a septenario planetarū numero appellationē n utuantibus nō seruet planetarū ordo qualis in celo est: sed a saturno verbigratia ad solem a quo ad lunam: et ita deinceps binaria semp inter: alatione saltus fiat. Id enī rī genequaterne hore quibus singuli dies noctesq̄ constant facta p eas planetarum distributione exigunt. Quippe hoc successu vigesimo quinte hore: id est exordio postere diei quartus a priori planeta duobus iam preteritis allegatur.



**H**ic colūnula in extremo faciei dextre calendarij nup addita cuius ē ascendēs inscriptio. trinis distincta numeris. habentib⁹. H. m. S. in fronte. In qua vltim⁹ numeroz in ordine oriens siue ascendens signū suusq̄ gradus sup horizonta quibuscunq̄ dieb⁹ mensū in meridie deprehendit. ex aduerso in celo occidens: Gradus e directo in solis colūnula mediū celi: in cuius aduersa parte angulus terre: si recte animaduuerteris: in celi circulo euidenter inueniunt. Quot autē autē horas vel post vel ante meridiē idē cupis scire horas postmeridianas pteritas addere antemeridianas futuras demere oportebit ex horis et minutis in suo ordine ad diē propositā positis. Si autē ex additione huiusmodi hore 24. superexcesserent. illas abice. Vel si subtrahi nequirent hore superadditis. 24. Numerus ex alterutro restans horarū: ei in serie horarū et minutorū est querendus. consimilis: at ubi ille inuent⁹ fuerit iuxta a dextris grad⁹ ad horā ppositā ostendit signū orientis.





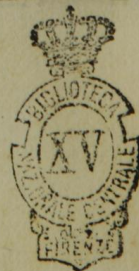
Hec kalendarij nri clauderem<sup>9</sup> vsu nisi quorūdā de celebratate pa  
 schali dubitatio succurreret. q̄ de re nō nihil ex pñti opusculo col  
 ligi potest. Nā quū diuino p̄cepto iussū sit pascha celebrari quarta  
 decima die mēsis primi. Prim<sup>9</sup> aut mēsis dicitur cui<sup>9</sup> initium aut me  
 diū in ipso equinoctio verno est: vel initium vicini<sup>9</sup> eidē equinoctio  
 perspicuū est hui<sup>9</sup> rei obseruationē e duob<sup>9</sup> pendere principijs.  
 equinoctio videlicet verno et nouilunio primo: quoz neutri stabilis perpetuo sedes:  
 cōcessa est in kalēdario romanēsi quo ecclesia etiā Christiana vtit. Quippe ratio sup  
 plementi bissextilis nō recte quadrat qn q̄ttuor anni ecclesie paucillo quodā supent  
 quattuor annos solares. Quo fieri oportet ut si hoc anno verbigratia equinoctium  
 vernū fuerit ad vngue in meridie vndecime diei Martij q̄ttuor annis vsualib<sup>9</sup> ex  
 actis equinoctiū simile iā nō erit in meridie vndecime diei: sed rāto pri<sup>9</sup> quāt<sup>9</sup> est ex  
 cessus q̄ttuor annoz vsualū sup q̄ttuor annos solares. Neq<sup>9</sup> huiusmodi anticipa  
 tio paucis quidē annis admodū parua exñs mul<sup>9</sup> oz successu annoz paulatim sensi  
 bilis reddit adeo ut a tpe Dionysij abbat̄is cui<sup>9</sup> paschali cōputo adhuc vtimur: ad  
 nostrā vsq<sup>9</sup> etatē memorata equinoctij verni anticipatio dies ferme decē cōplexa sit.  
 Pari ratione nouilunia quoq<sup>9</sup> firmos in kalēdario locos habere nequeūt. qm̄ sep  
 tuagenis vsualibus annis lunationes singule ad senas prope horas anticipāt  
 Quas ob res ut q̄z breuissime dicat: quū his ānis equinoctiū vernū fiat vndecima  
 Martij q̄s tpe Dionysij fiebat vigesima prima eiusdē: si q̄s plenilunū in hoc decem  
 diorū intervallo euenerit: id profecto paschale erit fm̄ institutiōē primariā q̄uis cō  
 putō dionysij discrepante. Qui ergo sciūt equinoctiū vernū hoc nro tpe ad vndeci  
 mā Martij fieri. sed nemo fere ignorat quū iā pridē diui Gregorij dies videlz duo  
 decima Martij eidē cōcessa sit equinoctio: q̄ deniq<sup>9</sup> in celo aut alias plenilunū agno  
 scūt: q̄s iā puulgatū est: qui rursus diuini tenore p̄cepti de celebratate paschali vidi  
 cerūt: q̄s pene in propatulo est. popularib<sup>9</sup> iā dudū lingua vernacula lras legētib<sup>9</sup>  
 sacras. ij certe oēs mirari possūt cur indicū interuallū decē dierū plenilunio incidē  
 te nō eoipso aut saltē proxima vñica sequēti paschale fiat sacrū: sed p̄ mēse totū et  
 eo q̄nq<sup>9</sup> ampl<sup>9</sup> ecclesia iubēte differat. Hinc qdā oziri solēt questuicula de luna pa  
 schali qualis mora fuit Bessarioni cardinali dū legatū in Venetis ageret. Quales  
 etiā mihi a multis et qbusdā hebreis sepe numero obiectate sūt. Talis deniq<sup>9</sup> am  
 biguitas videt quondā sacerdotes verasse Premēses ut paschale diē agerēt mēse  
 fere toto prius q̄z ecclesia vniuersalis celebraret: durante idcirco in hodiernū vsq<sup>9</sup>  
 diē verbo in eos ludifico. Maxima aut ac nimis pudēda est promelia quā nobis he  
 braica duricies: seruū istud pecus. inferre nō erubescit. nunq<sup>9</sup> in nos cauillandi finē  
 faciēs: ut qui a se nō minimā sacre litterature partē mutuati sim<sup>9</sup> ne primū quidē  
 dīne legis monumentū seruare studeam<sup>9</sup>. sed vel ignorantia nobis vel incōstantiam  
 īpingēs. Quāobz ope p̄ciū ē quosdā futuros proferre ānos qb<sup>9</sup> vera paschalis ratio  
 discrepat a prisca illa supputatiōē dionysiaica: quā adhuc ecclesia vsis pro auctoritate



sua tolerat. Hoc aut p̄fabor nō animo rephendendi me id facturū: qñ nō penes ar  
bitriū meū sita est huiusmodi negocij precipua tractatio: sed quo cautiores fiant  
nostri hoīes siqñ impia quis obiectione dixerit. Naud enī facile ē tela reperire  
improvisa. Jam vero fas sit huiusmodi discrepantiā tabulari nūero cōmōstrare.

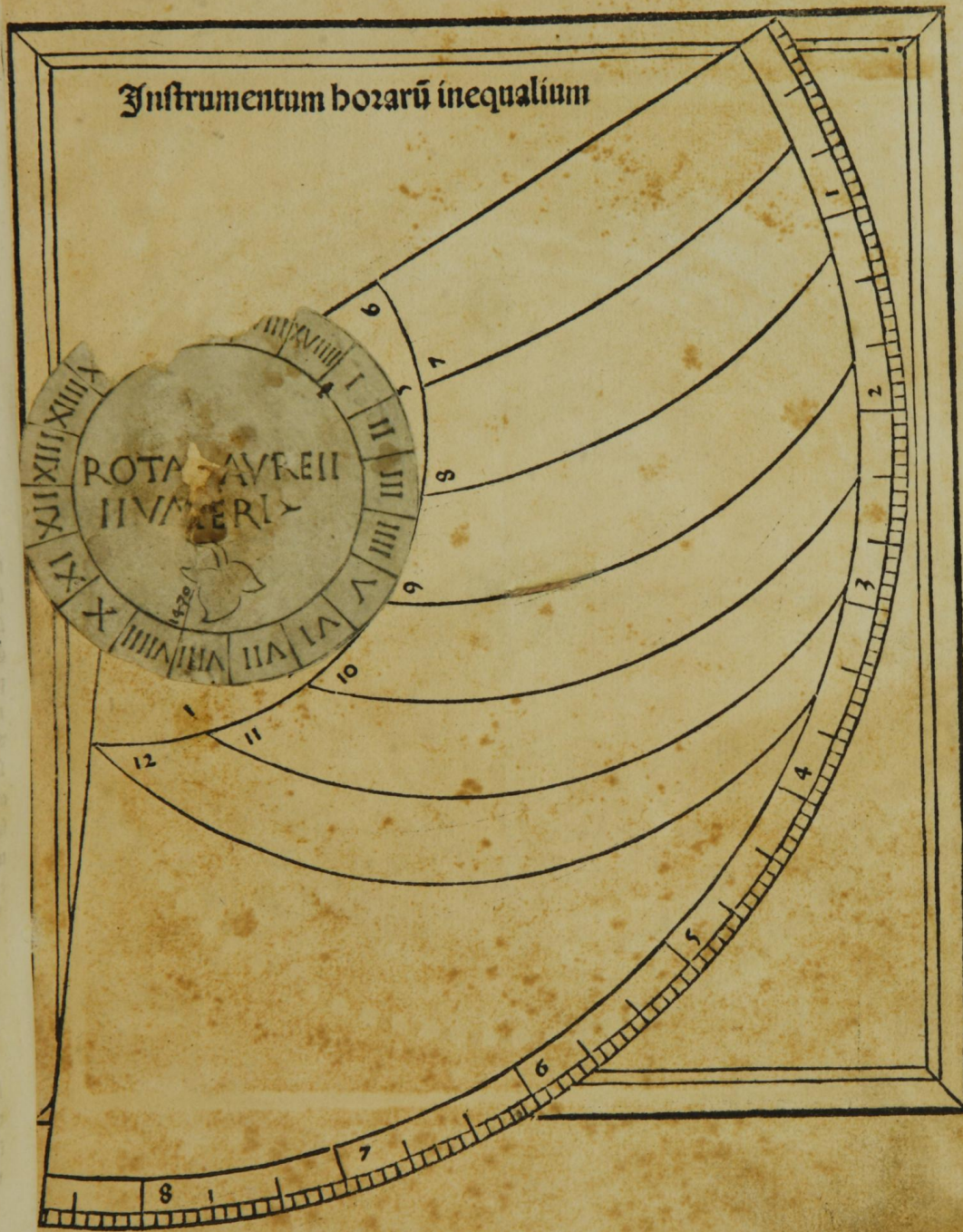
**Dies paschalis**

<b>Anni</b>	<b>Juxta v̄lū</b>	<b>Juxta de/</b>	<b>ria</b>
<b>Christi</b>	<b>ecclesie</b>	<b>creta patrū</b>	<b>D</b>
1 4 7 7	6 Aprilis	30 Martij	7
1 4 8 1	22 Aprilis	18 Martij	35
1 4 8 4	18 Aprilis	14 Martij	35
1 4 8 8	6 Aprilis	30 Martij	7
1 4 8 9	19 Aprilis	22 Martij	28
1 4 9 1	3 Aprilis	27 Martij	7
1 4 9 2	22 Aprilis	18 Martij	35
1 4 9 4	30 Martij	23 Martij	7
1 4 9 5	19 Aprilis	12 Aprilis	7
1 4 9 7	26 Martij	19 Martij	7
1 4 9 8	15 Aprilis	8 Aprilis	7
1 5 0 0	19 Aprilis	22 Martij	28
1 5 0 1	11 Aprilis	4 Aprilis	7
1 5 0 3	16 Aprilis	19 Martij	28
1 5 0 4	7 Aprilis	31 Martij	7
1 5 0 8	23 Aprilis	19 Martij	35
1 5 1 1	20 Aprilis	16 Martij	35
1 5 1 2	11 Aprilis	4 Aprilis	7
1 5 1 4	16 Aprilis	9 Aprilis	7
1 5 1 5	8 Aprilis	1 Aprilis	7
1 5 1 8	4 Aprilis	28 Martij	7
1 5 1 9	24 Aprilis	20 Martij	35
1 5 2 1	31 Martij	24 Martij	7
1 5 2 2	20 Aprilis	16 Martij	35
1 5 2 4	27 Martij	20 Martij	7
1 5 2 5	16 Aprilis	9 Aprilis	7
1 5 2 7	21 Aprilis	24 Martij	28
1 5 2 8	12 Aprilis	5 Aprilis	7
1 5 3 0	17 Aprilis	20 Martij	28
1 5 3 1	9 Aprilis	2 Aprilis	7



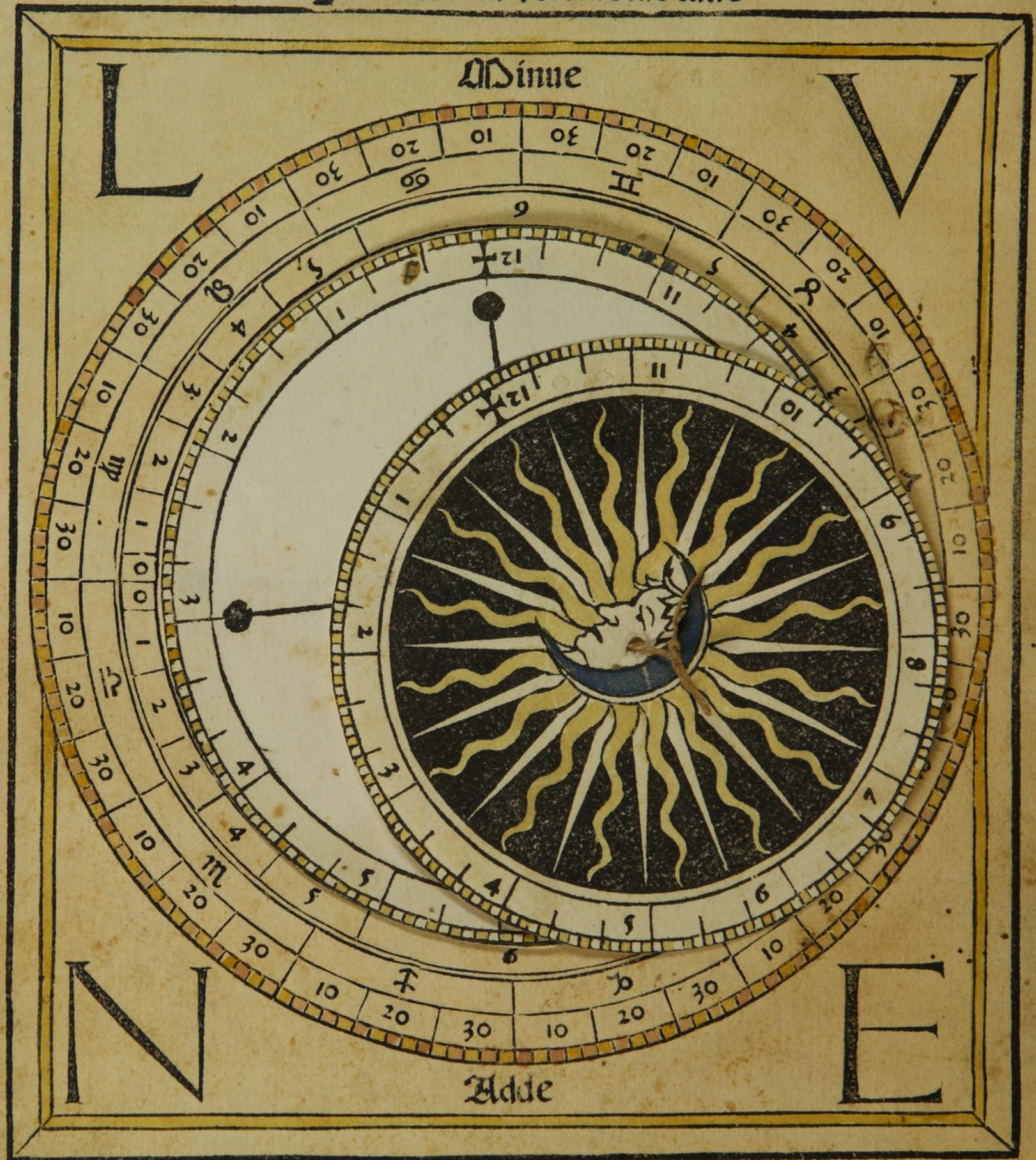


Instrumentum horarū inequalium





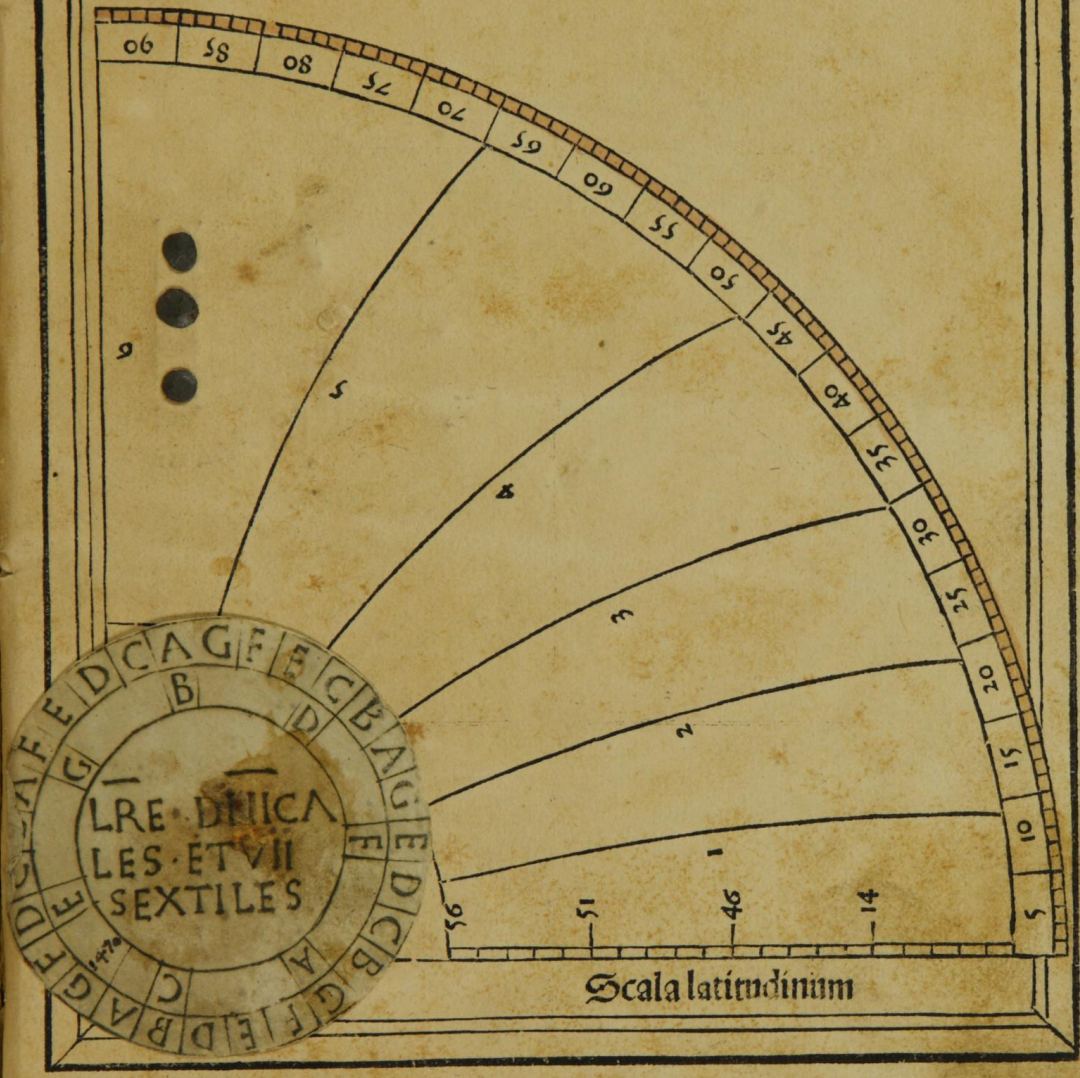
# Instrumentū veri motus lune





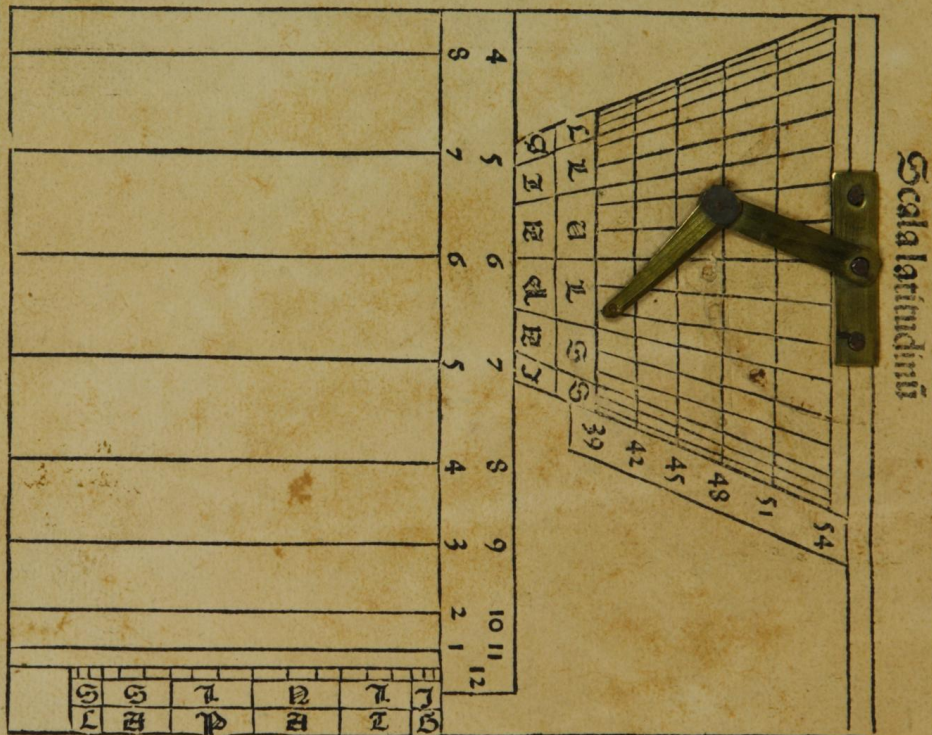
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# Quadrans horologii horizontis





Quadratū horariū generale



Signa meridiei





